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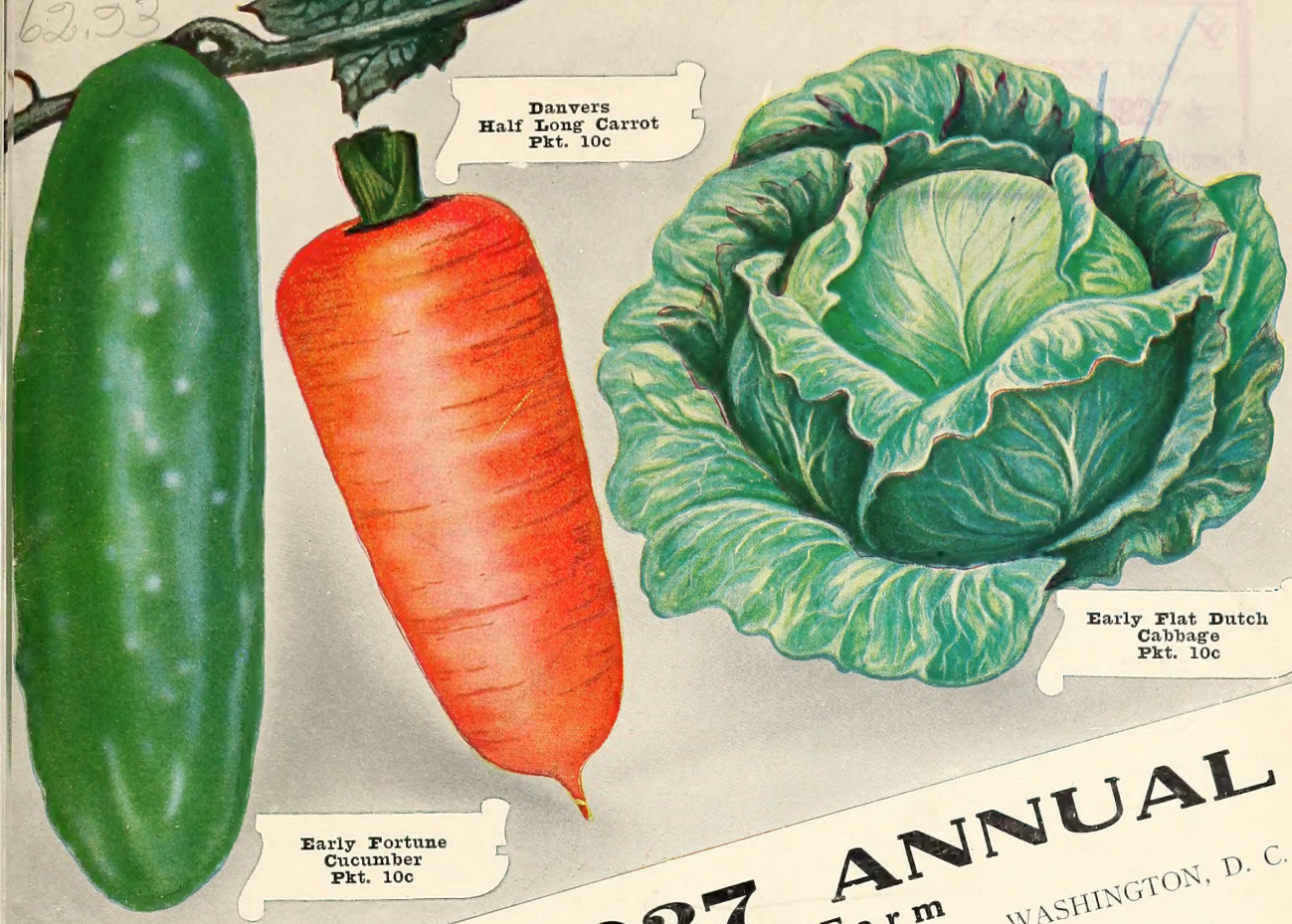


Danvers
Half Long Carrot
Pkt. 10c

Early Flat Dutch
Cabbage
Pkt. 10c

Early Fortune
Cucumber
Pkt. 10c

MANN'S 1927 ANNUAL

For Garden and Farm

WASHINGTON, D. C.

P. MANN & CO.

207 7th Street, N. W.
Opposite Center Market

Stone
Tomato
Pkt. 10c

Established
1869

D. N. Shoemaker

MANN'S GARDEN BOOK

for 1927

FIFTY-EIGHTH ANNUAL EDITION

Store and General Offices, 207 7th St., N. W.
Opposite Centre Market

Thanks to our personal and customer friends who made it possible for last season to be a successful one. This to us is evidence of our keeping the faith and rendering an unselfish service to the local growers for the past 58 years in supplying SEEDS, FARM, GARDEN and LAWN TOOLS.

We are grateful for your patronage, which has enabled us to prove our ability to supply seeds that you can depend on to produce and make the very best crop. Several new and worthy varieties have been added to our Vegetable and Flower Seed list. See pages 2 and 3.

It will be our constant endeavor to merit your confidence on the merchandise we sell and to be a real service to the whole community.

WE DELIVER FREE to any Post-office all vegetable seeds mentioned in this catalogue, if in packets, ounces, quarter or half pounds, pints and pounds. Purchasers must pay charges on quarts, pecks or bushels, and on all agricultural tools and fertilizers.

WHEN ORDERING, please state whether you want goods shipped by mail, express or freight. When this is omitted, we use our best judgment. Remittances may be made by sending Postoffice Order, Express Money Order, Registered Letter or Draft. For small amounts, postage stamps are acceptable. Catalogues are sent free to all who want them.

DISCLAIMER.—While we exercise the greatest care to have all our seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these conditions, they must be at once returned.

Yours truly,

P. MANN & CO.

Telephone, Main 1121

207 7th STREET, N. W. WASHINGTON, D. C.

SPECIAL NOTICE!

Owing to the unsettlement of values on the line of goods listed in this Catalogue, all prices are subject to change without notice.

THE WILLIAM BYRD PRESS, INC
HORTICULTURAL PRINTERS
RICHMOND, VA.

JAN 24 1927
U.S. Department of Agriculture

THE PLANTERS GUIDE

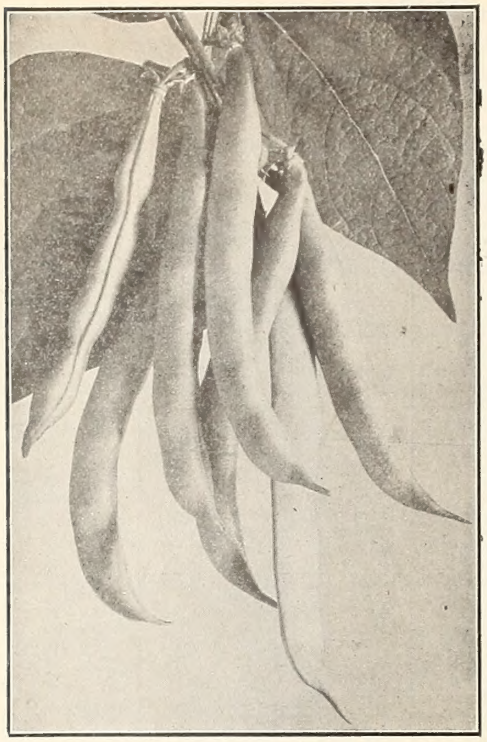
Containing a monthly calendar of operations and some useful tables, arranged to help the gardener or farmer in sowing seeds or setting out of plants from February to October in the latitude of Washington.

VARIETY	Time to Plant	Quantity Required for Row of 100 ft.	Depth to Plant	Quantity Required for an Acre	Matured Ready for Use
Asparagus Seed	Mar. and Apr.	1 ounce	2 inches	6 to 8 lbs	2 to 3 years
Asparagus Roots	Feb. and Mar.	100 roots	8 to 10 inches	5000 plants	1 to 2 years
Beans, Dwarf	Mar. to Sept	1 pound	1½ inches	1½ bushels	8 weeks
Beans, Pole	Apr. to July	½ pound	1½ inches	¾ bushels	10 weeks
Beans, Dwarf Lima	May to Aug.	1 pound	1½ inches	½ bushel	12 weeks
Beans, Pole Lima	May to July	½ pound	1½ inches	½ bushel	12 weeks
Beets, Table	Feb. to Sept.	2 ounces	1 inch	5 pounds	10 weeks
Beets, Sugar	Feb. to Aug.	2 ounces	1 inch	5 pounds	12 weeks
Brussels Sprouts	Mar. to July	½ ounce	¼ inch	¼ pound	12 weeks
Cabbage Seed, Early	Sept. to Dec.	½ ounce	¼ inch	¼ pound	12 to 15 weeks
	Mar. to May	½ ounce	¼ inch	¼ pound	12 to 15 weeks
Cabbage Seed, Winter	May to Aug.		¼ inch	¼ pound	12 to 15 weeks
Cabbage for Plants, Early	Mar., Apr., Nov.	75 plants	¼ inch	¼ pound	12 to 15 weeks
Cabbage for Plants, Summer	Apr. and May	75 plants	¼ inch	¼ pound	12 to 15 weeks
Cabbage for Plants, Winter	May to Aug.	75 plants		¼ pound	12 to 15 weeks
Carrot	Mar. to Aug.	1 ounce	⅛ inch	4 pounds	10 to 12 weeks
Cauliflower	July and Nov.	¼ ounce	¼ inch	¼ pound	15 weeks
Celery	Apr. to July	¼ ounce		1 ounce	15 to 20 weeks
Collards	Mar. to Aug.	½ ounce	¼ inch	¼ pound	12 to 15 weeks
Corn, Sugar	Apr. to July	½ pound	1 to 2 inches	6 to 8 quarts	10 to 15 weeks
Cucumber	Apr. to July	½ ounce	1 inch	3 pounds	12 weeks
Egg Plants	Feb. to May	¼ ounce	½ inch	2 ounces	15 to 20 weeks
Endive	Apr. to Sept.	1 ounce	½ inch	1 pound	10 to 12 weeks
Horseradish Roots	Feb. to May	75 roots	2 inches		6 to 8 months
Kale, Spring	Feb. to Oct	½ ounce	½ inch	2 pounds	10 weeks
Kale, Winter	July to Sept.	½ ounce	½ inch	2 pounds	12 weeks
Kohl Rabi	Mar. and Apr.	½ ounce	¼ inch	¼ pound	12 weeks
Lettuce	Mar. to Oct.	½ ounce	¼ inch	½ pound	8 to 12 weeks
Melon, Musk	Apr. to June	½ ounce	1 inch	3 pounds	12 weeks
Melon, Water	May and June	1 ounce	1 inch	3 pounds	15 weeks
Mustard	Mar. to Sept	1 ounce	½ inch	2 pounds	6 to 8 weeks
Okra	Apr. to July	2 ounces	1 inch	8 pounds	10 weeks
Onions from Seed	Mar. to May	1 ounce	½ inch	5 pounds	15 weeks
Onions for Sets	Apr. to June, Mar. and Apr	2 ounces	½ inch	50 pounds	10 weeks
Onion Sets	Sept. to Nov	1 quart	1 inch	10 bushels	12 weeks
Parsley	Mar. to Sept	½ ounce	¼ inch	5 pounds	10 weeks
Parsnips	Mar. to May	½ ounce	½ inch	5 pounds	15 weeks
Peas, Smooth	Feb. to Sept.	1 pound	3 inches	1½ bushels	6 weeks
Peas, Wrinkled	Feb. to Sept.	1 pound	2 inches	1½ bushels	10 weeks
Pepper	Feb. to June	¼ ounce	½ inch	8 ounces	15 weeks
Pepper Plants	May and June	75 plants	½ inch	8 ounces	8 weeks
Potatoes, Early	Feb. to Apr	½ peck	4 inches	10 bushels	12 weeks
Potatoes, Late	July and Aug.	½ peck	4 inches	10 bushels	12 weeks
Sweet Potato Plants	May and June	75 plants			15 weeks
Pumpkins	May to July	½ ounce	1 inch	3 pounds	15 weeks
Radish	Feb. to Sept.	1 ounce	½ inch	25 pounds	4 weeks
Rape	Feb. to Sept.	1 ounce	½ inch	5 pounds	6 to 8 weeks
Rhubarb	Apr. and May	1 ounce	½ inch	8 pounds	
Rhubarb Roots	Feb. to June	50 roots	4 inches		1 year
Salsify	Apr. to July	1 ounce	½ inch	5 pounds	15 weeks
Spinach	March, Aug. 15 to Dec. 1	1 ounce	1 inch	20 pounds	6 weeks
Squash	May to July	½ ounce	1 inch	4 pounds	8 to 10 weeks
Tomato Seed	Feb. to June	¼ ounce	½ inch	4 ounces	15 weeks
Tomato for Plants	May to July	50 plants		4 ounces	10 weeks
Turnips and Rutabagas	Feb. to Sept.	1 ounce	½ inch	2 pounds	8 weeks

Quantity of Seed Required Per Acre and Weights Per Bushel

VARIETY	Pounds Per Acre	Pounds Per Bushel	VARIETY	Pounds Per Acre	Pounds Per Bushel	VARIETY	Pounds Per Acre	Pounds Per Bushel
Clover, Red	15	60	**Tall Meadow Oat Grass**	22– 33	11	**Oats, Spring**	64	32
Clover, Mammoth	8– 15	60	**Pasture Mixture**	40– 45	—	**Barley**	84– 98	48
Clover, Alsike	8– 12	60	**Lawn Grass**	70– 80	—	**Wheat**	90–120	60
Clover, White	10– 12	60	**Rye Grass, Perennial**	30– 40	24	**Rape, Dwarf Essex**	4– 8	50
Clover, Alfalfa	18– 25	60	**Millet, German**	50– 62	50	**Vetch, Hairy**	40– 50	60
Clover, Crimson	12– 20	60	**Sorghum or Cane**	50– 75	50	**Vetch, with Rye**	25– 30	—
Clover, Sweet	20– 30	60	**Sudan Grass**	18– 25	40	**Vetch, Spring**	40– 50	60
Timothy	10– 15	45	**Buckwheat**	60– 72	48	**Canada Field Peas**	150–160	60
Orchard Grass	28– 35	14	**Corn**	10– 12	56	**Canada Field Peas, with Oats**	90–100	—
Red Top, Fancy	12– 15	40	**Corn, for Silage**	30– 35	56	**Cow Peas**	60– 90	60
Blue Grass, Kentucky	35– 45	14	**Rye**	70– 84	56	**Soja Beans**	60– 75	60
Meadow Fescue	28– 35	14	**Oats, Winter**	48– 64	32			

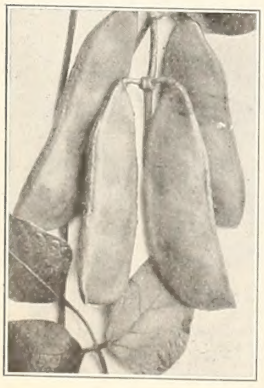
Mann's Vegetable Specialties for 1927



Mann's Stringless Green Pod.

Mann's Stringless Green Pod Beans

A new second early variety. The plant is of true bush habit and bears an enormous quantity of handsome pods of light green color. They are brittle, tender, fleshy and absolutely stringless, even when fully matured. High quality, stringlessness and productiveness should be sufficient to recommend this bean to every planter. Pt. 40c; qt. 75c; pk. $4.00; bu. $15.00.



Mann's Improved Wonder Bush Lima Bean.

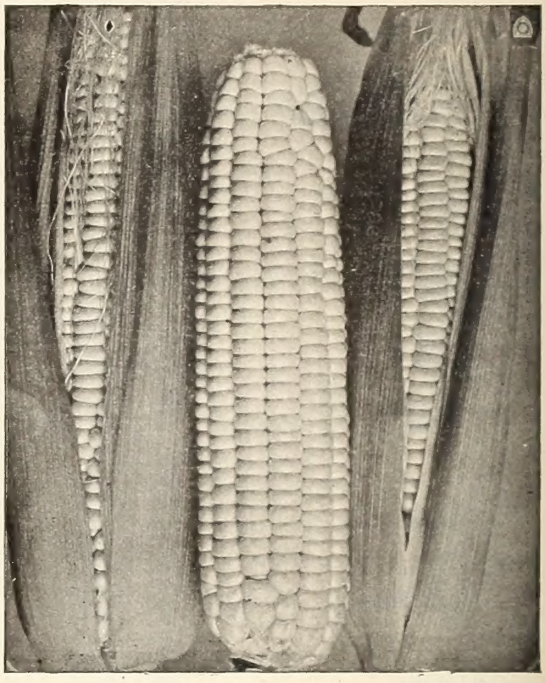
INOCULATE THIS SEED WITH MULFORD CULTURE

Mann's Improved Wonder Bush Lima

This is one of the earliest of the large seeded Limas. The plants are vigorous and productive. The pods are medium green, very large, about 5 inches long, containing 4 unusually thick and very large beans of excellent quality. Seed very large, thick and usually show a greenish tinge, which is generally considered an indication of quality. Pt. 45c; qt. 85c; pk. $5.00; bu. $18.00.

Mann's Early Sugar Corn

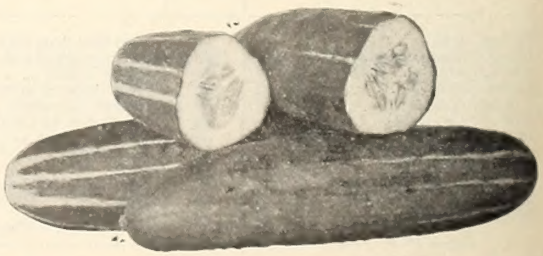
A big-eared medium early corn with the sweet flavor of the late varieties; the ears are 7 to 8 inches long; the stalks grow about 5 feet high and usually bear two ears with 12 to 14 rows of pearly white grains; the shuck extends well over the tip and protects it from the green worm so destructive to early sweet corns. Pt. 30c; qt. 50c; pk. $2.25; bu. $8.00.



Mann's Early Sugar Corn.

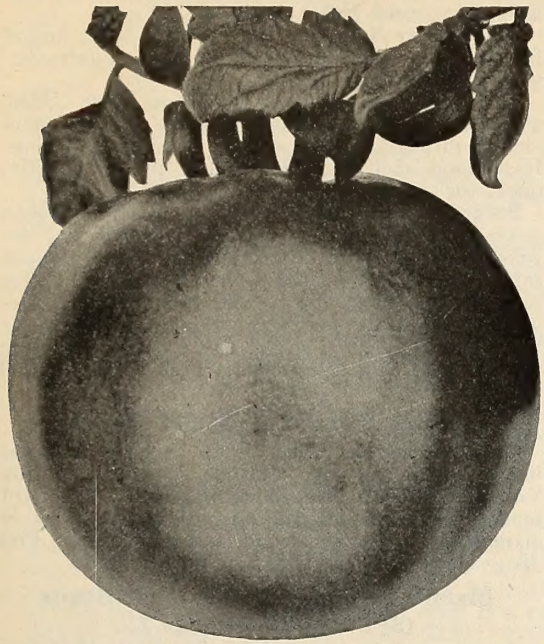
Mann's Favorite Cucumber

A selection of a medium early White Spine. In color it is a very deep green which holds for a long time and unlike many other varieties, the color does not commence to change until fruits are quite mature. Of finest quality. The cylindrical fruits are 7 to 8 inches long. A great favorite in Florida for shipping North. Pkt. 15c; oz. 40c; ¼ lb. 75c; lb. $2.50.



Mann's Favorite Cucumber.

Mann's Vegetable Specialties for 1927



Mann's Beauty Tomato.

Mann's Full Pod Pea

An extremely valuable variety, superior to Nott's Excelsior and American Wonder, especially suited to small home gardens, and also a splendid variety for early market gardening. It matures very early and produces large crops. The vines grow about 15 to 18 inches in height. The pods are dark green. Pt. 40c; qt. 75c; pk. $4.00; bu. $15.00.

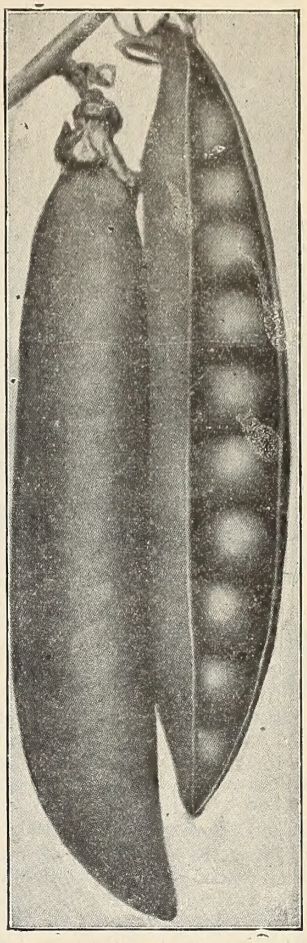
Mann's Surprise Cantaloupe

This melon is becoming more popular every year among the market gardeners, owing to being blight proof and bearing fruit long after the vines of most early varieties have died. It is a very heavy yielder and has all the good qualities of the Rockyford. Pkt. 15c; oz. 50c; ¼ lb. $1.75; lb. $3.25.

Mann's Beauty Tomato

The finest large-fruited, early purple variety. A decided favorite for home market or shipping, being early, hardy, a strong grower, productive, large, always smooth, perfect shape and excellent in quality. Color a very glossy crimson, with a tinge of purple. Grows in clusters of 4 to 6 large fruits, retaining its large size late in the season. Ripens early and is entirely free from ribbed and elongated fruit. Flesh very firm, has a tough skin and but few seeds. Seldom rots or cracks after a rain. Pkt. 15c; oz. 40c; ¼ lb. $1.25; lb. $4.00.

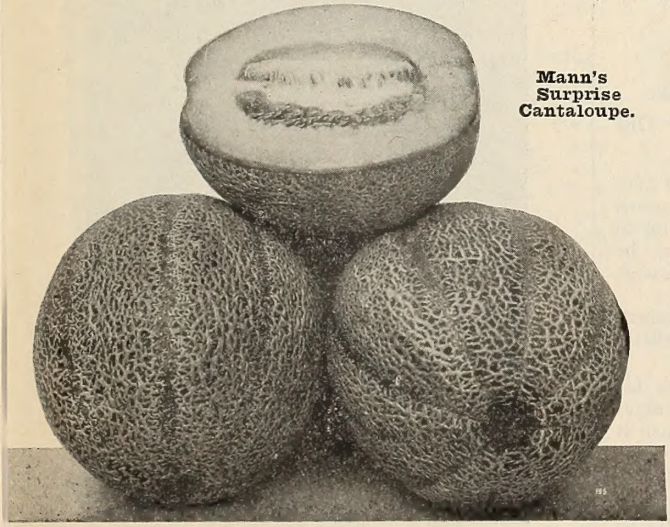
INOCULATE THIS SEED WITH MULFORD CULTURE



Mann's Full Pod Pea.

Mann's Imperial Lettuce

A Winner for the Home Garden. One of the very best cabbage varieties for summer heading. Heads are so compact and solid they seldom go to seed. Inside is thoroughly blanched and of the finest flavor. Leaves broad, slightly crumpled and border finely frilled. Pkt. 15c; oz. 35c; ¼ lb. $1; lb. $3.



Mann's Surprise Cantaloupe.

Mann's Imperial Lettuce.

Asparagus

Washington Asparagus.

CULTURE. — Succeeds well in any good rich soil, but a light warm soil which has been heavily manured for the previous crop is best. Soak the seeds for 24 hours; plant 2 inches deep in drills 2 feet apart. When well up, thin out to 3 inches apart and give frequent and thorough cultivation, keeping the plants clean from weeds. The roots can be transplanted, either at one or two years old, either in the fall or spring. After the cutting season is over spray with Bordeaux mixture to control rust; put into the spray mixture Paris green or arsenate of lead to kill the asparagus beetles. An ounce will plant a row 50 feet long; 2 pounds will make enough roots to set an acre.

Washington—This asparagus, which has been selected by the United States Department of Agriculture, Washington, D. C., has proven to be nearly rust-free. The shoots are thick and heavy. They are long and straight, with closely folded tips. The color is rich dark green, tinted darker at the tips. It is a heavy yielder of exceptionally fine flavor. Packet 10c; ounce 25c; ¼ pound. 75c; pound $2.00. Roots, $2.00 per 100; $15.00 per 1,000.

Palmetto—A very early maturing and prolific variety, producing an abundance of very large, deep green shoots of the best quality. SEED—Packet 10c; ounce 15c; ¼ lb. 35c; pound $1.00. Roots, $1.50 per 100; $10.00 per 1,000.

Conover's Colossal—This sort is one of the largest and most extensively used green varieties. Shoots bright green, sometimes tinged with purple at the top, very tender and of the best quality. SEED—Packet 10c; ounce 15c; ¼ lb. 35c; pound $1.00. Roots $1.50 per 100; $10.00 per 1,000.

Asparagus Knives—50c and 60c each. By mail, add 7c postage.

Beans

DWARF or BUSH, GREEN POD

Prices Subject to Change Without Notice. One Quart will plant 100 feet of Drill.

INOCULATE THIS SEED WITH MULFORD CULTURE

Culture—Dwarf Beans may not be safely planted until the middle of April, owing to the late frost, but may be planted thereafter as desired, until the middle of August.

Select high, rich soil, make drills two feet apart, drop beans along the rows and cover with earth. Hoe often to keep earth to the stems.

Improved Extra Early Red Valentine—Is the favorite sort for growers who supply the early markets, because its growth is so rapid, and because it stands shipments perfectly. It is a heavy cropper, and ready to pick in about forty days. Pint 35c; quart 60c; peck $3.00; bushel $11.00.

King of the Earlies—Possesses all the merits of the Red Valentine, and in addition has other valuable points. The pod is fully one-third longer than the Red Valentine and is perfectly round and straight, of a beautiful green color. Pint 35c; quart 60c; peck $3.00; bushel $10.00.

Extra Early Refugee—The pods are fleshy and of fine quality; very hardy. Pint 30c; quart 60c; peck $3.50; bushel $12.00.

New Bountiful—A new greenpod Bush Bean, which comes into bearing very early and continues almost throughout the season. Absolutely stringless; good shell bean for winter use. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

Burpee's Stringless Green Pod—This new bean produces a vine similar to Red Valentine, but develops pods to edible condition two or three days earlier than the Valentine; that is to say, in thirty to thirty-one days from germination, which extraordinary maturity for table at once advances the Stringless Green Pod to the first rank among table beans. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

GREEN PODDED BUSH BEANS

Giant Stringless Green Pod—This is a great improvement on the old-time popular favorite Valentine Bean. The pods are fully one-third longer, averaging 5 to 6 inches in length; absolutely stringless, very crisp, round, full and fleshy. Pint 35c; quart 60c; peck $3.50; bushel $12.75.

Mann's Stringless Green Pod Beans

(SPECIALTY, see page 2.)

A new second early variety. The plant is of true bush habit and bears an enormous quantity of handsome pods of light green color. Pint 40c; quart 75c; peck $4.00; bushel $15.00.

Full Measure (New)—Large cropper; Stringless, Greenpodded, round Bean, not as early as Burpee's Stringless, but a heavy yielder. Best of quality. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

Dwarf Horticultural—Large green pods, splashed with carmine. Excellent either as snaps in the green state, or shelled green or dry. In this neighborhood it is one of the very best selling beans on the market. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

White Pea, or Navy—Boston Baking Bean. Pint 25c; quart 40c; peck $2.25; bushel $8.00.

Giant Stringless Green Pod.

POLE BEANS

Use one quart of seed for 100 hills.

Kentucky Wonder—Also known as Old Homestead. We believe this variety is the most practically useful of the green-podded pole Beans suitable for use as snaps. It is an early, very prolific sort, with showy pods which are of most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. Pint 35c; quart 60c; peck $3.00; bushel $10.25.

Horticultural Cranberry—(Cut short). One of the best for family use. The pods are tender, and of fine quality. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

Kentucky Wonder Wax—This vigorous wax-podded pole Bean is very similar to the green-podded Kentucky Wonder, but the pods are a little broader. They are very fleshy and stringless as snaps and are of excellent quality. The pods are very long, handsome light yellow, often 8 to 9 inches in length. Pint 35c; quart 60c; peck $3.50; bushel $13.00.

Lazy Wife—A white-seeded variety, with long, green pods. Pint 35c; quart 60c; peck $3.00; bushel $11.50.

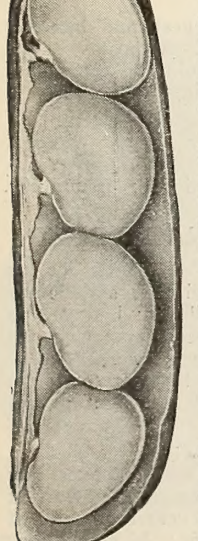
DWARF WAX BEANS

Wardwell's Kidney Wax—Long pods and very prolific. Handsome in appearance, entirely stringless. The foliage is free from blight, while the pods are rust-proof. The pods are 6 inches in length, ½ inch broad and ⅜ inch thick; the color is a rich yellow. Pint 35c; quart 60c; peck $3.50; bushel $13.25.

Black Wax, Improved Prolific—One of the best for a home garden, perfectly stringless and of excellent flavor. Pods medium size, round and of clear, waxy white color. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

Refugee Wax, Keeney's Stringless—This new variety of dwarf Wax Bean is an improved type of the Refugee Wax. The plants are of very robust growth and extremely early and productive, bearing profusely the large, beautiful pods which are of delicious flavor. The pods are round, pencil-like. The color is a rich golden yellow and the quality is excellent. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

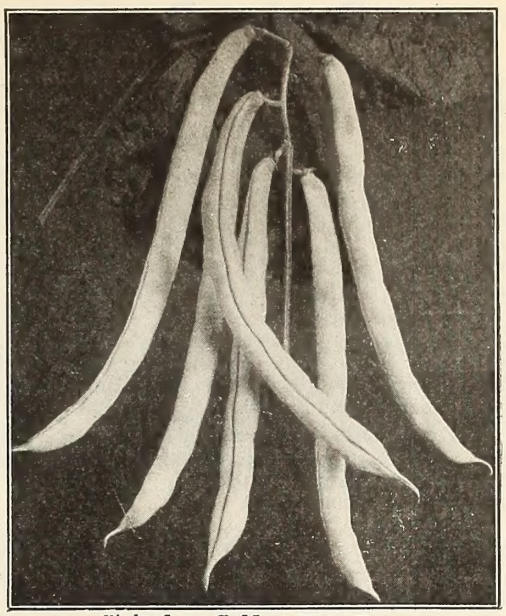
INOCULATE THIS SEED WITH MULFORD CULTURE



Burpee's Fordhook Bush Lima.

Golden Wax, Improved Stringless—A vigorous and wonderfully productive Bean of excellent quality. The pods are thick, meaty, entirely stringless and tender. The plant throws out long, pod-bearing tendrils, which appear at first like runners, but it is a true bush Bean. We recommend it very strongly for its productiveness and fine quality. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

Currie's Rust-Proof Wax—It is hardy and practically rust-proof. Pods grow long, flat, and are tender and of fine quality. Very early, productive and by far one of the best shipping beans on the market. Pint 35c; quart 60c; peck $3.50; bushel $12.00.



Stringless Golden Wax Beans.

POLE LIMA BEANS

INOCULATE THIS SEED WITH MULFORD CULTURE

Seibert's Early Lima—Extra early, vigorous growth and productive. Pods long and well filled. Beans large and handsome. Gives entire satisfaction wherever grown. Pint 35c; quart 60c; peck $3.50; bushel $12.00.

Carpinteria Pole Lima—A new variety, producing beans of largest size, with a greenish tint, which is so much desired both for market and family use. The beans are of the very finest quality, thin skin, extra tender, and of the finest flavor. Pint 35c; quart 60c; peck $3.75; bushel $13.25.

Ford's Mammoth—The pods grow to an average length of eight inches, are produced in great clusters, with from five to seven beans per pod. Pint 35c; quart 60c; peck $3.75; bushel $14.00.

King of the Garden—Large bean and pod; very heavy cropper. Pint 35c; quart 60c; peck $3.75; bushel $13.00.

BUSH LIMA BEANS

One quart plants about 150 hills, or 100 feet of drill.

Plant in light, rich soil in drills 2 feet apart, dropping the seeds about 1 foot apart in the row, and cover 2 inches.

Fordhook—This is altogether unique. Nothing like it has ever been seen before. It is the first and only stiffly erect bush form of the popular Potato Lima. Pint 35c; quart 60c; peck $4.00; bushel $14.50.

Burpee's Improved—The luscious, green Beans are larger than any Limas ever known before. It is fully eight to ten days earlier than any other large Limas, will outyield Burpee's Bush Lima by fully one-third, as the pods are very much larger, while the beans either green or dry, are nearly twice as thick. Pint 35c; quart 60c; peck $4.00; bushel $14.50.

Dreer's—This valuable bush Bean possesses all the good qualities of the Dreer's Pole Lima. Pint 35c; quart 60c; peck $4.00; bushel $14.50.

Mann's Improved Wonder Bush Lima

(SPECIALTY, see page 2.)

This is one of the earliest of the large seeded Limas. Pint 45c; quart 85c; peck $5.00.

Garden Beets

Culture—If wanted very early, sow in hotbeds and transplant. For general use, plant seed as early as ground can be nicely worked, usually about first of April. Sow in drills 1 foot apart, about 1 inch deep and thin out to 2 inches apart in rows. One ounce of seed to 50 feet of drill; 6 to 8 pounds per acre.

Crosby's Egyptian—This variety is as early as the original Egyptian, but by careful selection has been made thicker and of better quality. For early use, either for market or for family gardens, this variety easily takes the lead. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

Crimson Globe—A second early variety, somewhat oblong in shape, with smooth skin and very dark flesh. Good quality. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

Early Eclipse—Very early, dark red color, small top and free from fibrous roots; will grow without thinning the plants. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

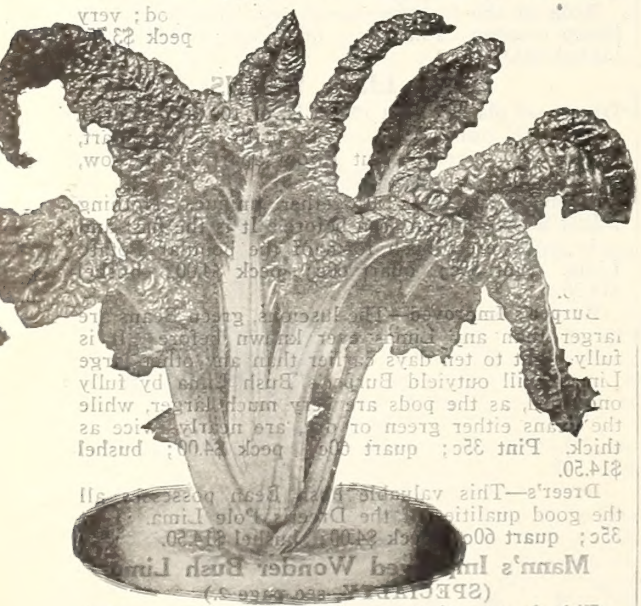
Detroit Dark Red—Very early and an excellent keeper. Tops small. Roots dark red and globular in shape. Tender and sweet. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

Improved Early Blood Turnip—An improved variety of the Early Blood Turnip; of deep blood-red color; fine form and flavor. An excellent market sort. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

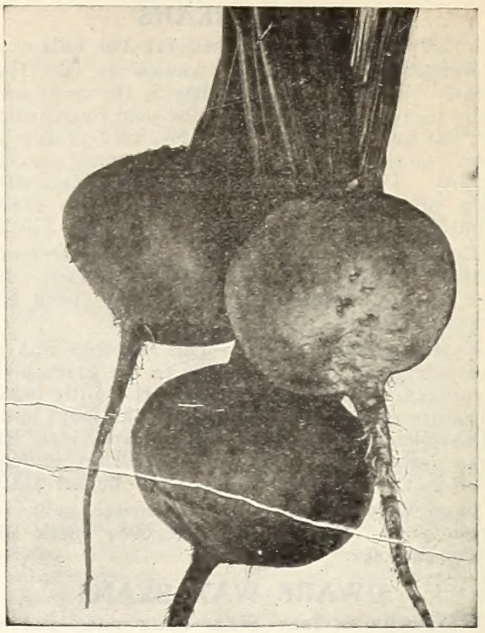
Edmand's Early Blood Turnip—Of beautiful, round form and good size. Flesh dark red and of finest quality. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

Bassano—Top large, leaf stems light red, leaf light green, root large, round, Turnip-shaped, flesh pink zoned with white, very sweet and tender when young. An excellent sort to plant for use as greens. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

Crosby's Improved Egyptian—Very early. Smooth, globe-shaped. Dark blood red. One of the best for planting early out of doors. It becomes fit for use sooner than any other variety, and is equally suited for forcing in hotbeds or for transplanting. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.



Swiss Chard, Lucullus.



Crosby's Egyptian Beet.

New Wonder—This Beet is the result of many years of expert selection with a special strain of Crosby's as a basis. In this new beet we have perfect form, small tops and tap root, beautiful color, and extra early maturity. For forcing and bunching it is unequaled by anything on the market while the rich color, tenderness and flavor of the flesh make it extremely desirable on the table. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.25.

SELECTED MANGEL WURZELS

Six pounds of seed will sow an acre.

An invaluable crop for stock feeding. Sow from April to June on well-cultivated, deep, rich soil, in drills 24 to 30 inches apart.

Mammoth Long Red—The largest and heaviest cropper of all the long red sorts. A most valuable and distinct variety and very popular on account of its nutritious and milk-producing qualities. ¼ pound 20c; pound 60c.

Giant Golden Tankard—Flesh bright golden, yellow, differing in this respect from all other varieties which cut white. ¼ pound 20c; pound 60c.

SWISS CHARD or SPINACH BEET

Culture—Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat, and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.

One ounce will sow 60 feet of drill.

Lucullus—A new variety with curled leaves like a Savoy cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

American-Grown
Selected

Cabbage

Choux Pommes, French
Kopf Kohl, Ger.

One ounce will produce about 2,000 plants. Quarter pound of seed in beds will produce plants for one acre.

Culture—Start your early crop in hot-bed middle of February, covering seed about one-half inch; transplant to cold frames soon as plants are large enough, three or four inches each way. Remove glass part of each day to harden plants and plant out in open ground middle of April. For general crop sow in open ground in June in hills three feet apart.

EARLY VARIETIES, POINTED HEADS

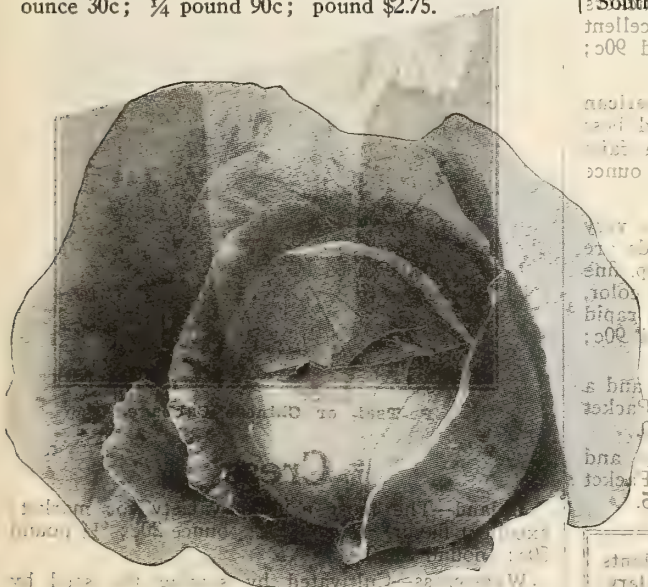
Early York—A well-known variety, of small size; shape roundish oval. Packet 10c; ounce 30c; ¼ pound 90c; pound $3.00.

Early Jersey Wakefield—A gem of a little cabbage and great favorite with home gardeners on account of its size; can be planted closer than large varieties and its size makes it the best variety for back-yard gardens where small amounts are wanted at one time. This is also a great favorite with market gardeners for an extra early crop. A good sure cropper. Packet 10c; ounce 30c; ¼ pound 90c; pound $3.00.

Charleston Wakefield—Just a little later and larger than the Early Jersey and is fine for following this crop; both cabbage are the same shape, the greatest difference being in the size. Packet 10c; ounce 30c; ¼ pound 90c; pound $3.00.

Henderson's Early Spring—This variety is nearly as early as the Jersey Wakefield, but the heads are of the round, flat type of Early Summer. It has very small outer leaves, short stem and very small heart, making almost entire head fit for use. Packet 10c; ounce 30c; ¼ pound 90c; pound $3.00.

All-Head Early—A thoroughbred sort, especially recommended on account of its uniform size and shape and reliability for heading. Makes a deep flat head, solid and uniform in color, shape and size. In tenderness it is unsurpassed. Can be grown either for summer or winter use. Packet 10c; ounce 30c; ¼ pound 90c; pound $2.75.



All Seasons Cabbage.

Charleston Wakefield Cabbage.

Henderson's Early Summer—About 10 days later than the Early Wakefield, but being fully double the size, it may be classed as decidedly the best large Early Cabbage, and is deservedly popular with market gardeners. Packet 10c; ounce 30c; ¼ pound 90c; pound $2.75.

Copenhagen Market—The earliest large, round-headed cabbage yet introduced. The heads are of exceptionally large size for so early a variety. The plant is of vigorous habit, but compact, with short stem and few outer leaves which are of rather upright growth. The leaves are medium light green, nearly round, comparatively thick and smooth. The heads are round, very solid and of exceptionally good quality. Its earliness, compact growth, uniformity and size of head, firmness and most excellent quality combine to make Copenhagen Market the most valuable cabbage of recent introduction. We recommend it unreservedly both for the home garden and the market gardening trade. Packet 10c; ounce 30c; ¼ pound 90c; pound $3.50.

Early Flat Dutch—Most popular cabbage in South Texas and Gulf Coast sections for a market and shipping variety. A splendid strain of Flat Dutch, just a little later than the old-time Early Flat Dutch. Fine shipping variety for all sections. Packet 10c; ounce 30c; ¼ pound 90c; pound $2.75.

All Seasons—A fine early flat-head cabbage, adapted to culture in all seasons of the year; a good header and keeper, making medium-sized heads; a good all-around cabbage for any purpose. Packet 10c; ounce 30c; ¼ pound 90c; pound $2.75.

HAMMOND'S SLUG-SHOT
For Cabbage Worms

A non-poisonous powder; it requires no further mixing or preparation; easily applied; not injurious or dangerous to animals, the person applying it, or the fruits and vegetables treated; destroys potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. 1-lb. carton, 25c; 5-lb. pkg. 55c.

Danish Ball Head Cabbage.

LATE or AUTUMN AND WINTER

Danish Ball Head—This most excellent variety of Cabbage coming from Denmark, has grown very rapidly into favor with both market and private gardeners. It is a large, round, solid heading, medium early variety; a very sure header, having few loose leaves, consequently can be planted very close together. Although a medium early, can also be grown for a fall and winter crop, being one of the best keepers. Very popular in Philadelphia, New York and Boston markets. (See illustration.) Pkt. 10c; ounce 30c; ¼ pound 90c; pound $3.00.

The Volga—The heads are uniform and solid, weighing from 10 to 15 pounds each; flesh firm, sweet and tender. Packet 10c; ounce 30c; ¼ pound 90c; pound $3.50.

Perfection Drumhead Savoy—The Savoy Cabbages are very tender and of fine flavor, very much superior in this respect to the ordinary late Fall and Winter Cabbage. Should be much more largely grown, both for home use and market. The strain of American Drumhead Savoy which we offer makes large-sized heads of most superior quality; truckers and private gardeners alike will find it an excellent variety. Packet 10c; ounce 30c; ¼ pound 90c; pound $3.00.

Large Late American Drumhead (American Grown)—One of the largest, most solid and best keeping late varieties. This variety seldom fails to head, and is of good quality. Packet 10c; ounce 30c; ¼ pound 90c; pound $2.75.

World-Beater or Autumn King—This is a very superior late cabbage. The large, broad heads are very thick through, slightly rounded at the top, fine grained and tender, has a short stalk, green color, and one of the best keepers we know, and is a rapid grower. Packet 10c; ounce 30c; ¼ pound 90c; pound $2.75.

Red Rock—The head is round, large, solid and a deep red color, the best of the red cabbages. Packet 10c; ounce 30c; ¼ pound 90c; pound $3.00.

Premium Flat Dutch—The heads are large and solid; round in shape. Excellent keeper. Packet 10c; ounce 30c; ¼ pound 90c; pound $2.75.

We can supply all kinds of Vegetable Plants in season, such as Tomato, Cabbage, Celery, Sweet Potato, Eggplants, Peppers, Lettuce, etc., by the dozen or hundred.

CHINESE or CELERY CABBAGE

Also called Pe-Tsai, and Cut Cabbage, by Chinese gardeners, and is beginning to attract attention in America. It does not form a Cabbage head, but when grown to its full size resembles the Cos Lettuce and the outer leaves may be used during its growth. It is odorless while being cooked, and the flavor is delicious, being very mild, and it is excellent for use as a salad or cooked like Asparagus. We are quite sure that it will please all who partake of it. Sow seed after July 1st and give plenty of room to the plants, setting in rows 3 feet apart and 2 feet apart in the row. (See illustration.) Pkt. 10c; ounce 30c; ¼ pound 90c; pound $3.00.

Pe-Tsai, or Chinese Cabbage.

Cress

Upland—The most popular variety for market; excellent flavor. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Watercress—Cultivated by sowing the seed by running water or near a spring which is not severly frozen through the winter. Packet 10c; ounce 40c; ¼ pound $1.25.

Carrots

One ounce to 150 feet drill. Two and one-half pounds to acre.

Culture—Follow directions given for Beets and Parsnips, as there is no difference in the method of cultivating these roots.

Danvers Half-Long Stump-Rooted—A new variety, of decided merit; rich in color and of handsome shape. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.

Improved Long Orange—Deep orange color; long, smooth; popular for general crop. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.00.

Chantenay, Half-Long — Resembles the Nantes, with larger shoulders; medium early and heavy cropper; one of the best for market. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.

Early Scarlet Horn—Small, but early. Best for forcing. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.00.

Danvers Half-Long Pointed Root—Early and very beautifully shaped; very rich in color and best for main crop. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.

St. Vallery, or New Intermediate Carrot—One of the best main-crop carrots. It is noted for its smoothness of shape, its tenderness of flesh and beauty of color. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.

Danver's Half-Long Point-Root Carrott.

Corn Salad—Ackersalat

One ounce will sow about eighteen square feet and six pounds will sow an acre.

Broad-Leaved (Large-Seeded)—A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills 1 foot apart. It will mature in 6 weeks. For early spring use sow in September and winter over like spinach. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.

Paris Market Brussels Sprouts.

Collards

Georgia, Southern, or Creole—This is the white or green-stemmed variety, growing 2 to 3 feet high and forming a large, loose, open head, or cluster of leaves, with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Sow thickly in drills in rich ground, transplanting when 4 inches high, or sow in drills where the plants are to remain, and when well started thin to 2 or 3 feet apart in the row. In the South seed may be sown from January to May and from August to October. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.00.

Chicory

Sow early in spring, in good mellow soils, in drills half an inch deep and 12 inches apart.

Large-Rooted Bagdeburg — The leaves when blanched make an excellent salad. Packet 10c; ounce 25c; ¼ pound 75c; pound $2.25.

Witloof—Packet 10c; ounce 25c; ¼ pound 75c; pound $2.25.

Dandelion

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out 6 inches in the rows.

Improved French—Packet 10c; ounce 40c; ¼ pound $1.50.

Brussels Sprouts

(Paris Market)

Belongs to the cabbage family, making clusters of minature cabbage heads around the main stalk; these heads are very delicious, with a flavor something like cauliflower; tops grow open like collard heads. Packet 10c; ounce 35c; ¼ pound 90c.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Spray Your Vegetables with PYROX (BOWKER'S)

The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and all fungous troubles, without injury. **See prices on page 35.**

White Plume.

Celery—Sellerie

One ounce to 3,000 plants. Ten to fifteen ounces to the acre.

Sow the seed in a well-prepared soil as soon as the ground is in a proper condition to work. Sow in drills and tread the seed firmly in; thin out to an inch apart, and keep the ground well worked and free from weeds. Make the soil very rich with well-rotted manure, which should be dug in deep. A moist, low rich bottom land or well-drained muck soil is preferable. Set the plants 8 or 12 inches apart. To blanch draw earth around the plants from time to time, taking care not to cover the tops of the center.

GOLDEN SELF-BLANCHING

French-Grown, Superior Stock, Unsurpassed

We have been furnishing our customers this strain of Golden Self-Blanching Celery for a number of years, and it is pronounced by one and all the finest strain they have ever seen. The color is a rich golden yellow, very solid and tender; flavor is delicious; has large heart; grows medium height, and is without doubt the best early celery on the market. Packet 10c; ounce 50c; ¼ pound $2.00; pound $8.00.

Winter Queen—This well-known strain possesses exceptional merit. Grows very thick, solid and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.75.

Improved White Plume—An early self-blanching variety, very popular for fall and early winter use. Packet 10c; ounce 20c; ¼ pound 60c; pound $2.00.

Dwarf Golden Heart—Very solid and excellent keeper, and of fine, nutty flavor; the heart, which is large and full, is of a waxy, golden yellow, rendering it very showy for either market or private use. Packet 10c; ounce 20c; ¼ pound 60c; pound $2.00.

Giant Pascal—A green-leaved variety, which was developed from the Golden Self-Blanching. Retains the beautiful color, thick, solid, crisp stalks and incomparable flavor of that variety, but is of stronger growth, also larger, producing perfectly blanched stalks. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Celery Seed for Seasoning—Ounce 10c; ¼ pound 20c; pound 50c.

Celery Plants—We can supply all the principal varieties in season. Prices on application.

CELERIAC or TURNIP-ROOTED CELERY

Grown exclusively for its roots, which, when cooked, sliced and used with vinegar, makes a fine salad.

Giant Smooth Prague—The best variety; large and smooth roots; excellent keeper. Packet 10c; ounce 20c; ¼ pound 60c; pound $2.25.

Cauliflower

One ounce produces about 3,500 plants.

Dry Weather Cauliflower—Especially adapted for growing in dry locations where nearly all other varieties fail, and for heads of good size. Dry Weather, which is also known as Gilt Edge and Danish Giant, is about one week later than our Early Snowball, is much larger and with much more foliage; hence it is not so suitable for forcing. The heads are very large, white, firm and compact, and being well protected by the dense foliage, are easily blanched and remain fit for use for a long time. Packet 25c; ounce $2.00; ¼ pound $6.00.

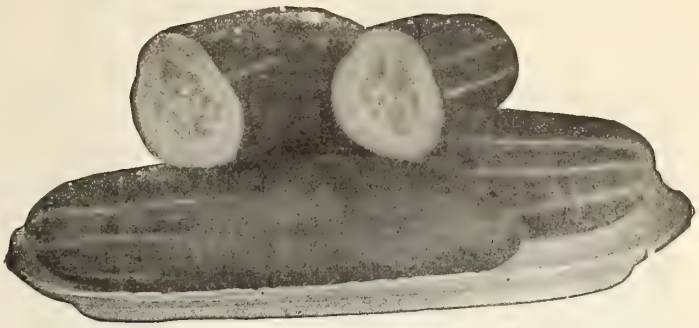
Early Snowball—Our strain of this popular variety is unequaled. It is one of the best for forcing under glass or for the open ground. A sure header. Packet 25c; ounce $2.00; ¼ pound $6.00.

Early Snowball Cauliflower.

Cucumber—Gurke

One ounce to fifty hills. One to two pounds to an acre.

Culture—For growth of Cucumbers, hills are raised, standing five feet apart. Quite rich sandy soil is best. If necessary, enrich the hills with a mixture of sandy soil and strong rotted manure. For early use, plant in May; for pickling, plant in June or July. Eight or ten seeds should be allowed to each hill, as young plants are often destroyed by bugs.



Early Fortune.

Improved Early White Spine, or Arlington—A selection from the White Spine, being more pointed at each end. The young fruits are usually crisp and tender, and are of very dark green color, so that the variety is considered by many to be the best. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.00.

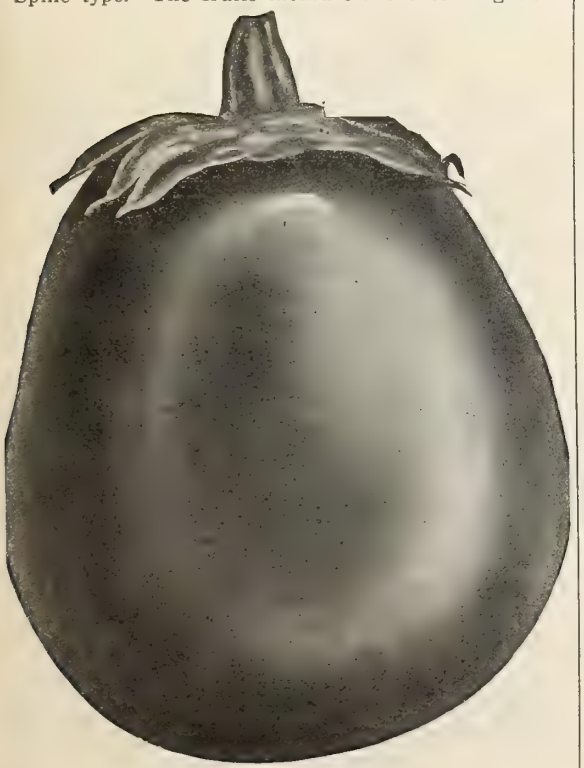
London Long Green—The standard late sort, quite crisp and of good size. It is not so early as the Spine, but is more desirable for a late crop. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.00.

The Davis Perfect Cucumber—As a forcing cucumber, the Davis Perfect has no equal. Its excellent eating qualities, shape, color and productiveness place it without a rival. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.

Perfected Jersey Pickle—New and fine. The best pickle. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.00.

Gherkin, or Burr—Used only for pickling—Packet 10c; ounce 20c; ¼ pound 60c; pound $2.00.

Early Fortune—Is of recent introduction and is considered the finest market cucumber of the White Spine type. The fruits measure 9 inches long and are slightly tapering. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.



Black Beauty Egg Plant.

Mann's Favorite Cucumber

(SPECIALTY, see page 2.)

A selection of a medium early White Spine. In color it is a very deep green which holds for a long time. Packet 15c; ounce 40c; ¼ pound 75c; pound $2.50.

Cool and Crisp—A very early and prolific variety. Fruit is long and good shape; dark green in color. It shows knobs bearing spines more than most varieties. It is a good home variety. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.

Kirby Cucumber—Is the earliest of the White Spine type; fruit seven to eight inches long, cylindrical in shape. Color a beautiful dark green from stem to blossom end, which is retained longer than any variety we know of. Vigorous grower, enormous yielder, shipping quality unexcelled, and always commands the highest market price. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.25.

Egg Plant

One ounce will produce 1,000 plants.

Sow in March in hotbed, and transplant when two inches high into a second hotbed, or let them remain and thin out to four inches apart. When the weather becomes settled transplant into the open ground three feet apart each way. Good culture is quite as important as good seed; work the ground deep; make it rich with well-rotted manure, and hoe often.

Black Beauty Egg Plant—The New York Black Beauty combines in itself many characteristics which are very valuable in this vegetable. In the first place it is very early; in fact, the earliest good market variety. By this we mean it is the earliest variety that grows to a good size suitable for market purposes. Packet 10c; ounce 40c; ¼ pound $1.25; pound $4.50.

New York Improved Spineless—Best New Jersey gardeners' selection. Oval shape, thornless, dark purple color and rich flavor. Packet 10c; ounce 40c; ¼ pound $1.25; pound $4.50.

Florida High Bush—Has proved a money-maker to Southern growers. It resists drought and wet weather to a wonderful degree on account of its strong, upright growth, the fruits being held well off the ground. Very vigorous and productive, bearing profusely its large purple fruits of fine shape and quality. An excellent shipper. Commission men report they reach market in the best condition and command high prices. Packet 10c; ounce 40c; ¼ pound $1.25; pound $4.50.

Sweet or Sugar Corn

One quart will plant 200 hills. Eight quarts for an acre.

If Corn is wanted by mail or express prepaid, add 5 cents per pint, 10 cents per quart, for charges.

Country Gentlemen.

Premo—The earliest of all sweet corns; from 5 to 7 days earlier than Extra Early Adams. Remarkably hardy for a sweet corn, and can be planted earlier than other sorts. In quality and sweetness it is all that can be desired of an extra early corn. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

Kendel's Early Giant—This is not a mere novelty, but is of real merit. Ears large, measuring 8 to 10 inches long, having 10 to 12 rows on each cob; kernels pure white, sweet and tender. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

Early Evergreen—The ears of this new corn grow 8 inches long; are mostly 14 to 16 rows. It ripens 10 to 12 days in advance of Stowell's Evergreen, and is equally as good for all purposes. Pint 20c; quart 35c; peck $1.75; bushel $6.00.

White Evergreen—A pure white strain of the popular Stowell's Evergreen. The ears are very large and well filled from butt to tip with long, slender, pure white grains of the most delicious sweetness. It yields two or more ears to the stalk, and they remain in roasting-ear state as long as any corn grown. Pint 20c; quart 40c; peck $2.75; bushel $10.00.

Mann's Early Sugar Corn

(SPECIALTY, see page 2.)

A big-eared medium early corn with the sweet flavor of the late varieties. Pint 30c; quart 50c; peck $2.25; bushel $8.00.

Ideal Early Adams—A selection and improvement over the old Early Adams. Makes larger and handsomer ears and deeper grains. Ears measure from 10 to 14 inches in length, with 12 or more rows to the ear. Of excellent table quality, and a decided acquisition. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

Golden Bantam—Probably the very earliest variety grown. Very sweet; none better for the home garden for first early. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

De Lue's Golden Giant ("The Sweetest Corn on Earth.")—If you want the best and only the best, all you have to do for early, medium and late sweet corns is to plant De Lue Golden Giant every week or ten days. Superior to the Golden Bantam sweet corn. Pint 20c; quart 35c; peck $2.50; bushel $9.

Borden's Wonder Bantam (Sugar Corn)—Has the good qualities of the Golden Bantam, maturing about the same time. Stalks grow 6 feet in height, producing ears 8 to 10 inches long, with 8 rows of rich golden-colored kernels. Pint 20c; quart 35c; peck $2.50; bushel $9.00.

Howling Mob—One of the very best early varieties. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

Black Mexican—Surpassed by none in quality and tenderness. When cooked is almost white. The ripe ear is black or blue-black. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

Country Gentleman—A new corn of merit and desirable for family use. The grains are irregular, compact and sweet. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

Mammoth Late—This produces the largest ear of any, a single ear sometimes weighing one or two pounds. It ripens a little later than the Evergreen, with larger cobs, the kernels being flatter, not horse-tooth shape. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

Stowell's Evergreen—So well known that it scarcely needs description. Excellent; keeps green till cold weather; ears large; one of the best. Pint 20c; quart 35c; peck $2.00; bushel $7.00.

Kale or Borecole

An ounce of seed will sow about 200 feet of drill. Three pounds to an acre.

Dwarf German Greens (Siberian Kale)—Generally sown broadcast, but can be sown in drills a foot apart in August. Packet 5c; ounce 10c; ¼ pound 25c; pound 75c.

Dwarf Curled Green Scotch—Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet. The leaves are bright green, tender and elegantly curled. Packet 5c; ounce 10c; ¼ pound 25c; pound 85c.

New Imperial, or Long Standing—Slow seeder; hardiest for gardeners, superior to all other sorts in vigorous habit; bright green color. Packet 5c; ounce 10c; ¼ pound 35c; pound $1.00.

Plain, or Smooth—Fine for salads. Packet 5c; ounce 10c; ¼ pound 20c; pound 50c.

Endive—Endiven

Culture—June or July select a bed of good soil, drill fifteen inches apart, sow seed and cover lightly. The plants should not stand closer than twelve inches. Keep the earth to the stems, destroy weeds and hoe liberally.

Extra Green Curled—It is the best. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Broad-Leaved Batavian (Escarolle)—Used in soups and stews. Requires to be tied up for blanching. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Kohl Rabi

One ounce to 200 feet of drill. One and a half pounds to an acre.

Culture.—Sow in April in rows 18 inches apart, thinning out to 8 inches between plants.

Early White Vienna—This forms a bulb above ground, and its flavor mingles the peculiarities of the cabbage and turnip. Packet 10c; ounce 25c; ¼ pound 75c; pound $2.25.

Earliest Purple Vienna—Same in every respect as the Earliest White Vienna, except in the outside color. Pkt. 10c; ounce 25c; ¼ lb. 75c; pound $2.25.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Lettuce—Lattich Salat

One ounce will sow 100 square feet, or 120 feet of drill.

Culture—For winter use sow in greenhouse or hotbed and cover seed very lightly. Transplant first three inches apart and then to eight inches. For outside use sow in rows, covering seed one-quarter inch.

Improved Big Boston Lettuce—Identical in color, shape and general appearance as the Boston Market Lettuce, but double in size. It is about one week later in maturing. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Mann's Imperial Lettuce

(SPECIALTY, see page 3.)

A Winner for the Home Garden. One of the very best cabbage varieties for summer heading. Packet 15c; ounce 35c; ¼ pound $1.00; pound $3.00.

Grand Rapids Forcing—There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Black-Seeded Simpson—One of the best curled varieties, withstanding the summer heat. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Wayahead—Very early, sure-head and solid. Outer leaves light green, inner yellow. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.75.

May King—A new German variety, fine for forcing and outdoors; heads of medium size, yellowish-green in color; very early and a fine variety. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.75.

Brittle-Ice—Grows to a larger size, is of more pleasing appearance, and retains its crispness and mild flavor to a greater degree during the hot summer months than any other crisp-head variety. Pkt. 10c; ounce 20c; ¼ pound 50c; pound $1.75.

Hubbard Market—A large-heading variety, good for either forcing or sowing in open ground. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

New Golden Queen—Popular for forcing. Packet 10c; ounce 20c; ¼ pound 75c; pound $2.50.

California Cream Butter—Outside leaves are of medium green color, and inside is folded a solid head of rich, creamy-yellow color. It is considered by growers one of the best in cultivation. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Broad-London Leek.

Big Boston Lettuce.

Salamander—(B. S.)—Compact, tender heads resisting summer heat. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Boston Market, or Tennis Ball—This variety is used specially for greenhouse and hotbed culture, because it can be planted very close. It grows very compact, fair size, heads slightly tinged with red on edge of leaves. Packet 10c; ounce 20c; ¼ pound 60c; pound $2.00.

Iceberg—A large, crisp lettuce, always tender, stands hot weather remarkably; give each head 14 inches in the row. The color is light green, lightly tinged with brown. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.75.

Early Curled Simpson—Very early, largely grown in cold frames. Packet 10c; ounce 20c; ¼ pound 50c; pound $1.50.

Romaine or Cos Lettuce

New Trianon Cos, or Celery Lettuce—The finest of all the Cos sorts; leaves when bleached are stiff like celery stalks, and can be eaten in the same manner. Packet 10c; ounce 20c; ¼ pound 75c; pound $2.25.

Mustard

The young and tender leaves of the Mustard are greatly relished as salads or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long.

White—Packet 5c; ounce 10c; ¼ pound 25c; pound 75c.

Giant Southern Curled—Packet 5c; ounce 10c; ¼ pound 25c; pound 75c.

Leek—Lauch

Broad London, or Large American Flag—Best American-grown seed. Packet 10c; ounce 25c; ¼ pound 60c; pound $2.00.

Cantaloupe or Muskmelon

One ounce will plant about fifty hills. Two or three pounds in hill per acre.

Culture—Plant seed in hills 5 and 6 feet apart each way, 8 to 10 seeds per hill, after danger from frost is past. After plants are well up, thin to 4 to the hill; keep them well cultivated until the runners are so long they cannot be hoed or cultivated.

Mann's Surprise Cantaloupe

(SPECIALTY, see page 3.)

This melon is becoming more popular every year among the market gardeners. Packet 15c; ounce 50c; ¼ pound $1.75; pound $3.25.

Early Knight Cantaloupe

A splendid early Cantaloupe of superb quality, and at the same time makes an excellent market or shipping melon.

Its earliness, productiveness, uniformity in shape and appearance and fine table qualities easily place it in the first class both for home use and market. It matures about a week earlier than the regular Rocky Ford, is larger in size, and makes a most attractive, salable melon. Thick, green flesh, shading to orange at center; well netted. Packet 10c; ounce 15c; ¼ pound 50c; pound $1.50.

Sweet Air—It is the sweetest, finest flavored, juiciest and best melon ever offered. It is a little larger than the Rocky Ford, well netted, thick green flesh, small seed cavity. Packet 10c; ounce 15c; ¼ pound 50c; pound $1.75.

Rocky Ford Netted Gem—Our stock is specially grown for us in the famous Rocky Ford melon district, and is a particularly valuable strain for shippers. It is uniform in size, thickly netted, distinctly ribbed, firm-fleshed and of most delicious flavor. Pkt. 10c; ounce 15c; ¼ pound 35c; pound $1.00.

Honey Dew—The delicious honeylike flavor of this new melon has met with instantaneous public favor and created a sensation wherever used. The fruit is of large size, weighing eight to ten pounds each. The rind is perfectly smooth and cream colored. The flesh is from one and one-half to two inches thick, light green in color, very sweet and juicy. Packet 10c; ounce 15c; ¼ pound 50c; pound $1.50.

Emerald Gem—Medium size, nearly round; flesh a delicate light salmon color, very thick, fine-grained and of most excellent flavor. The rind is thin, dark green, ribbed, but not netted. One of the best for home use. Packet 10c; ounce 15c; ¼ pound 50c; pound $1.50.

Early Knight.

Bottomly Muskmelons.

Bottomly—Is planted exclusively by the foremost cantaloupe growers of Anne Arundel County, in connection with the now famous Knight, maturing about 10 days later. The most exacting will be satisfied by the delicious quality while its appearance exhibits all the refinement of form, color and netting so necessary to a good melon. Packet 10c; ounce 15c; ¼ pound 60c; pound $2.00.

Tip Top—For splendid eating qualities this melon is certainly rightly named, for it is one of the most delicious flavored and finest table melons in existence. It grows to a large size, has thick orange flesh and is sweet, juicy and of the finest flavor even close to the rind. Packet 10c; ounce 15c; ¼ pound 50c; pound $1.50.

Pollock's No. 10-25 (Salmon Flesh)—This Musk Melon is considered the best of the salmon fleshed Rocky Fords. Is the most reliable and best cropper, thriving on most any soil, producing ripe melons in about 70 days. The fruits are of great uniformity in size and shape, with well developed gray netting, closely laced and covering the entire surface. Pkt. 10c; ounce 15c; ¼ pound 50c; pound $1.50.

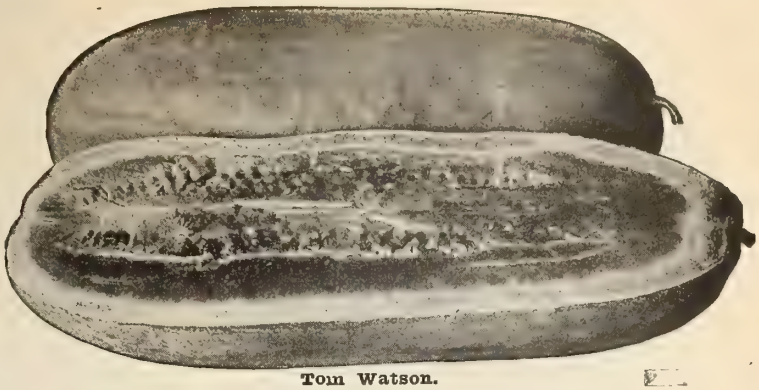
Fordhook Musk Melon—Very thick, orange-yellow flesh, small seed cavity, and comparatively few seeds. The flesh is solid and of very fine flavor, staying solid and firm after the melon has become quite yellow. The vines are healthy and strong growers, setting fruit close to hill, and keep on setting fruit to end of vine throughout the season. Pkt. 10c; ounce 15c; ¼ pound 50c; pound $1.50.

Hearts of Gold—A splendid market or shipping variety; fruit round with tendency to heart-shape, slightly ribbed and covered with a fine netting; flesh very thick, deep salmon color and of high quality. Packet 10c; ounce 15c; ¼ pound 50c; pound $1.75.

Watermelon

Those using larger quantities than one pound of Watermelon Seeds should write us for special prices.

Culture—Plant in hills 6 or 8 feet apart in May. Select warm, light, dry ground, and in preparing the hills let them be dug out as broad and deep as the soil will admit; fill at least one-third full of the best decomposed stable manure, and mix thoroughly with the soil; fill up a little above the level of the ground.



Tom Watson.

Harris' Earliest Watermelon—Sweetest, largest and best shipping early melon. Harris' Earliest Watermelon was originated by crossing Kolb's Gem with Hungarian Honey, Cole's Early and a small Russian melon of the very finest flavor. The melon is oval to oblong, striped with green and gray; bright red flesh, sweet, tender and delicious. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Excel (New)—Large, long dark green melon; has a tough rind; therefore making it a fine melon for shipping. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Irish Grey—Long melon, light green rind; fine shipper. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

General Pershing—Long dark green melon; flesh firm and compact; very sweet; rind tough, making it a fine shipper. Packet 5c; ounce 10c; ¼ pound 35c; pound $1.25.

Florida Favorite—An oblong melon of fine flavor. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Halbert Honey—The strong points in favor of this melon is its superb flavor, sweetness, tenderness and fine table qualities. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Striped Gypsy, or Georgia Rattlesnake—A large, oblong melon. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Kleckley's Sweet—This is one of the earliest melons. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Tom Watson, Ninety Days—Long, dark green; much better than the Kleckley Sweet, and longer; fine variety. (See illustration.) Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

White Silver Skin Onions.

Onions—Zwiebel

Onion Seeds should be sown as early as possible to work the ground, in drills one inch deep and twelve to sixteen inches apart, in rich soil, deeply dug and lightly rolled. Thin to one inch apart. When sowing for sets seeds must be put in very thick, at the rate of twenty pounds to the acre. The same patch may be used year after year for onions and never made too rich.

To raise large onions, select a bed of rich soil, work it deeply.

Good Onion Seed Is of the Greatest Importance

Japanese (Ebenezer)—This new variety promises to be one of the best for the production of large onions for Fall and Winter market, yielding almost twice as many bushels per acre than any other set onion. Somewhat similar to Flat Danvers in color and shape but a trifle thicker and very much larger in circumference. They are very mild, excellent keepers, rapid growers and very few go to seed. The appearance, size, quality and wonderful yields of this variety give it a prominent place among the most valuable sorts. Packet 10c; ounce 35c; ¼ pound $1.00; pound $3.50.

White Silver Skin, or Portugal—The leading sort of white onion. Skin is of a beautiful clear white color; flavor mild, and a most excellent keeper. (See illustration.) Packet 10c; ounce 35c; ¼ lb. $1.00; pound $3.00.

Red Wethersfield—The best-known and most widely used red variety. In shape it is flattish, but thick, with very firm flesh; is hard, and an excellent keeper, as well as a heavy cropper. The color is a bright, purplish-red. Packet 10c; ounce 35c; ¼ pound 90c; pound $2.50.

Yellow Globe Danvers—The popular yellow globe onion for market and shipping purposes; is almost ball-shaped, but a trifle flattened at both ends. Pkt. 10c; ounce 35c; ¼ pound 90c; pound $2.50.

Southport Large White Globe—Packet 10c; ounce 35c; ¼ pound $1.25; pound $4.00.

Prizetaker—A superb variety where large size and superior keeping qualities are desired. Color a rich straw and flavor very mild and delicate. Packet 10c; ounce 35c; ¼ pound 90c; pound $2.50.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Choice Grown Onion Sets.

Onion Sets

One quart to fifty feet of row; eight to ten bushels per acre, according to size of sets.

All onions attain full size and maturity for the same season from spring-sown seed, yet many people desire to plant out sets for earliest Onions for the table or to use green or for bunching.

Yellow Onion Sets—Grown from our select strain of Yellow Danvers. Pint 15c; quart 25c; peck $1.25.

White Onion Sets—Grown from our select strain of White Portugal. Pint 15c; quart 25c; peck $1.50.

The price per bushel is subject to change with the market. Write for quotations.

Double Curled Parsley.

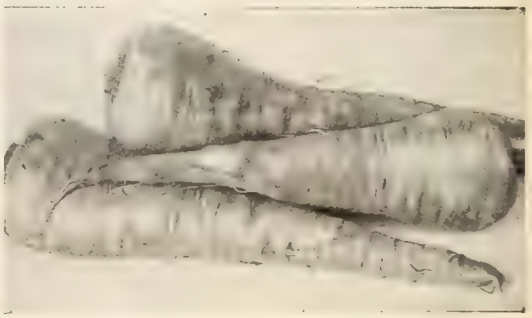
Okra or Gumbo

Culture—Plant in May, in hills about 3 feet apart, 4 or 5 seeds per hill. When well established, thin out to 2 plants. One ounce to 100 feet of drill; 8 pounds per acre.

Perkins' Mammoth Long-Podded—A very large-podded variety; pouular with canners and for home use. Quality very fine; plants extremely productive, of long, slender pods, which remain tender a long time. Packet 10c; ounce 15c; ¼ pound 25c; pound 85c.

White Velvet—Pods round, smooth, free from seams, very prolific. Packet 10c; ounce 15c; ¼ pound 25c; pound 75c.

Dwarf Green Prolific, or Density—A very dwarf and prolific variety. Pods green, smooth and thickly set. Packet 10c; ounce 15c; ¼ pound 25c; pound 85c.



Hollow Crown, or Large Sugar.

Parsnips—Pastinake

One ounce to 150 feet of drill.

Sow as early in the spring as the weather will permit, in drills 15 inches apart and ½ inch deep in rich, well-manured ground, well dug. Cultivate similar to carrots, and thin out to 6 inches apart. To keep well in the ground over winter draw a little earth over the tops.

Hollow Crown, or Large Sugar—The best variety in cultivation for general use; roots white, smooth, of intermediate length, sugary, of excellent flavor. Packet 5c; ounce 15c; ¼ pound 30c; pound 75c.

Parsley—Petersilie

One ounce to 150 feet of drill.

Sow in rows one foot apart and one inch deep. The seed is slow to germinate and should be given the most favorable conditions. A deep, rich, loamy soil is required. For winter use a few plants placed in a box in the cellar will give a supply.

Extra-Dark Moss Curled—The large leaves are very heavily crimped and curled, being quite moss-like in appearance and of peculiarly rich, extra dark green coloring. Very productive, and most attractive as a garnish, both on account of this deep green coloring and fine mossy appearance. Packet 5c; ounce 15c; ¼ pound 35c; pound 85c.

Fine Double Curled—Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, being of quite moss-like appearance. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

Peppers

One ounce will produce about 2,000 plants.

Culture—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart; or, when all danger of frost is past, sow in open ground and thin.

Crimson Giant—The largest and finest mild red pepper; double the size of Ruby King. Packet 10c; ounce 60c; ¼ pound $2.00; pound $7.00.

Neapolitan Large Early—Earliest of the large sweet peppers. Thick-meated and very productive. Packet 10c; ounce 35c; ¼ pound $1.00; pound $3.00.

Ruby King—Ideal pepper for filling and pepper-hash. Packet 10c; ounce 35c; ¼ pound $1.00; pound $3.75.

Large Bell, or Bull Nose—Early, large, red mild. Packet 10c; ounce 35c; ¼ pound $1.00; pound $3.50.

Ruby King. Bell or Bull Nose.

Long Red Cayenne—Packet 10c; ounce 35c; ¼ pound $1.00; pound $3.50.

Chinese Giant—Packet 10c; ounce 60c; ¼ pound $2.00; pound $7.00.

Pimento Large Sweet—Packet 10c; ounce 35c; ¼ pound $1.00; pound $3.50.

Maine-Grown Seed Potatoes

All of the Seed Potatoes we sell are grown in the State of Maine, where it is universally acknowledged the best seed potatoes are raised, and thousands of carloads are shipped every year from the counties of Holton and Aroostook alone. Farmers and truckers in the Middle and Southern States should renew their seed potatoes at least every two years, as by doing so they will realize the advantage of early maturity and productiveness.

Special prices will be given on application.

Ohio, or XX Early—This is one of the earliest potatoes grown; it will bear heavy manuring with commercial fertilizer; yields well, is free from blight; potatoes come to eatable size very early and eat well.

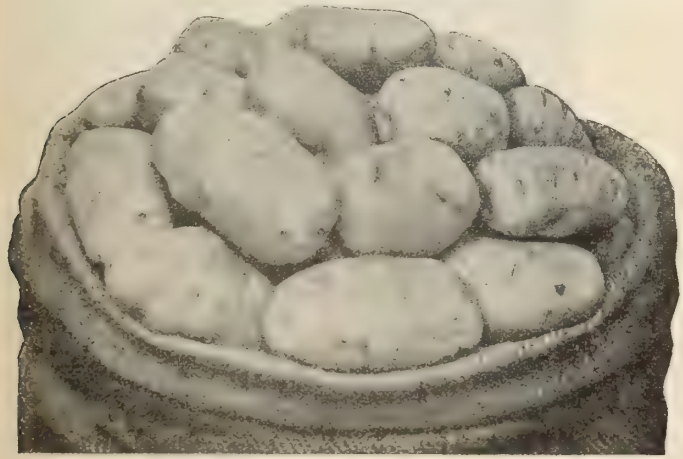
Early Rose—For a generation the standard potato of the whole country for earliest yield, thrift, beauty and table qualities, because it always succeeds well in any soil in any climate.

Spaulding Rose—Said to be the earliest potato now grown, and especially recommended for early market trade. Grown under favorable circumstances, they are ready for the table at 10 weeks from date of planting, and fully matured at 12 weeks. Medium sized, very smooth-skinned, shallow-eyed, and of fine texture; in color light pink.

Irish Cobbler—One of the most reliable first early potatoes ever sent out. It ripens almost with the Early Ohio, and so uniform that every hill seems to ripen all at one time. The value of this feature will be at once apparent to the market gardener who always likes to dig the entire crop at one time and follow with a crop of something else from the same ground.

Bliss Red Triumph—This beautiful variety combines the productiveness of the Carman with the good qualities of the Early Rose. It is an extra-early variety. The tubers are of medium size, round and uniform in shape, eyes slightly depressed; color a beautiful red. Its great beauty, productiveness, and fine quality make it one of the best extra-early market varieties.

Green Mountain—White skin, flat, oval form, smooth, of good appearance; fine for the table when well grown; ripens slowly and is a good keeper; valuable for late crops; now taking the lead in all markets.



Irish Cobblers.

Gold Coin—A splendid Maine-crop variety of remarkable productiveness and finest table quality; slightly oblong form; light golden skin; flesh pure white; fine grained; cooks very dry.

Improved White McCormick—A very popular late sort; in fact, too well known for us to describe. Plant along in June or July, and you will receive a yield that will surprise you.

SWEET POTATO PLANTS

Big Stems and Jersey Roots ready about April 1st. Big Stems and Jersey Plants ready about May 1st.

Prices quoted on request.

Large Cheese Pumpkin

Pumpkin—Grosse-Kurbis

One pound will sow 200 to 300 hills.

Culture—The common practice is to drop 2 or 3 seeds into every third or fourth hill in the cornfield; may be sown in hills, 8 feet apart each way, 4 plants to each hill.

Cashaw, or Crookneck—Large, light cream colored, solid and sweet, very fine-grained; splendid for table or feeding stock. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.25.

Large Cheese—A good cooking variety, cheese shape, creamy yellow color, flesh fine-grained, and one of the best for pies. Packet 5c; ounce 15c; ¼ pound 30c; pound 85c.

Japanese Pie—Crooked-neck variety; extremely small seed cavity; nearly all solid meat; quality extra fine. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.00.

Large Connecticut Field—Hardiest of all pumpkins, good for pies and stock feeding. Packet 5c; ounce 15c; ¼ pound 30c; pound 75c.

Small Sugar—Early, prolific and very sweet, orange color; fine keeper. Packet 5c; ounce 15c; ¼ pound 30c; pound 85c.

King of Mammoths—The giant variety, grows to enormous size; deep yellow, glossy color. Splendid to grow for stock and exhibition purposes. Packet 5c; ounce 15c; ¼ pound 35c; pound $1.25.

Garden Peas

INOCULATE THIS SEED WITH MULFORD CULTURE

PLANT MANN'S SEEDS FOR BETTER RESULTS
We do Not Pay Postage on Peas

Three quarts of seed to 100 yards of row. One and a half to two bushels to the acre.

Culture—Sow as early as the ground can be worked, and again every ten days or two weeks in succession. They can be sown as late as the 20th of August for the last sowing, using Extra Earlies. Sow in rows about 4 feet apart and 1 inch apart in the row and 3 to 4 inches deep.

Extra-Early Alaska—The earliest blue pea. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable pea for market gardeners. Height 2 feet. Pint 30c; quart 50c; peck $2.50; bushel $9.00.

Little Marvel—As regards Little Marvel peas, this variety we can recommend as being one of the very best short-vine peas introduced. The vines are about a foot high, very stocky, and the pods are large and well filled with large peas of excellent quality. We consider this variety far superior to American Wonder or Nott's Excelsior, and when they are better known they will be in great demand. Pint 35c; quart 60c; peck $3.50; bushel $12.25.

Nott's Excelsior—One of the best early dwarf peas. It combines the good qualities of the American Wonder and Premium Gem Peas. Pint 35c; quart 60c; peck $3.00; bushel $11.25.

Long Podded Alaska—New, vigorous, handsome, long-podded, delicious flavored Alsaka Pea. Bound to become extremely popular, for it has all the good qualities of famous Extra Early Alaska Pea, and in addition, it has a well-filled pod almost twice as long, which will fill the basket in one-half the time, and while it is not a distinctly sugar pea, yet it has a much sweeter flavor than the Alaska. It is an abundant yielder. Pint 35c; quart 60c; peck $2.75; bushel $10.00.

Gradus, or Prosperity—Probably the best extra-early pea yet introduced. Only 2 or 3 days later than Alaska, and a wrinkled pea of excellent quality. Pint 35c; quart 60c; peck $2.75; bushel $10.50.

Extra-Early Pilot—The pods and peas are nearly as large as those of Gradus, and are produced three days earlier. They can be planted much earlier than Gradus, and while not wrinkled the peas are almost equal in flavor. Three feet high. Pint 35c; quart 60c; peck $3.00; bushel $11.00.

Extra Early Alaska.

PEAS—Continued

NOTICE—In ordering Peas to be sent by mail, please add 8 cents per pint to pay postage. Prices subject to change without notice.

Premium Gem—This variety is nearly as early as the American Wonder, and the very productive vine is decidedly larger, growing to a height of from 15 to eighteen inches. The pods are large and crowded with 6 to 8 very large peas of fine quality. Pint 35c; quart 60c; peck $2.75; bushel $10.00.

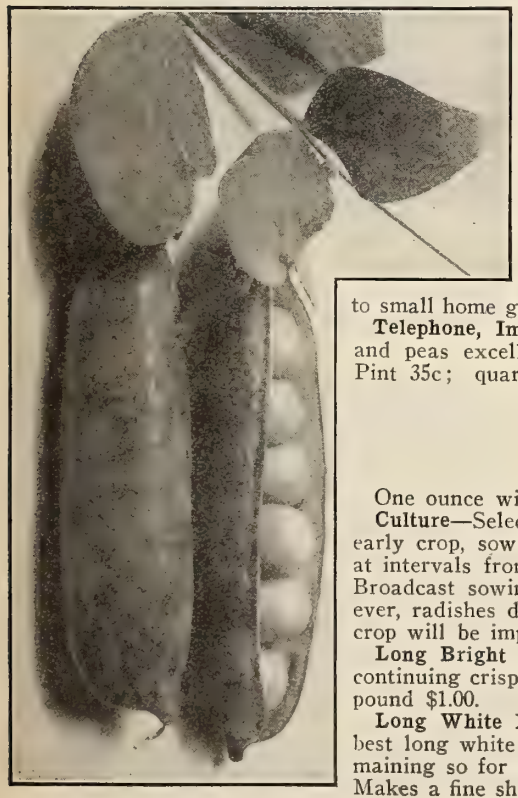
Thomas Laxton—An extra-large-podded variety. The plant is a very hardy and strong grower, producing the large-size pods in abundance; quality is delicious and cannot be surpassed. Pods very dark green. Pint 35c; quart 60c; peck $2.75; bushel $10.00.

American Wonder—This is a dwarf variety, and leads all others in point of earliness, growing about 10 inches high, and produces a profusion of good-sized, well-filled pods, with finest flavored peas. Pint 35c; quart 60c; peck $3.00; bushel $11.50.

Horsford's Market Garden—A first-class wrinkled pea, second early; height 24 inches. Does not require stakes; is profitable sort for market gardeners; a single plant has been known to produce 150 pods. It is equally good for the home table. Pint 35c; quart 60c; peck $2.75; bushel $10.50.

Carter's Daisy, or Dwarf Telephone—A most desirable sort on account of its size, beautiful shape and fine quality. Pods broad and of a pale green color. Height, 20 inches. Pint 35c; quart 60c; peck $3.00; bushel $11.00.

Potlatch—Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant, dark foliage, bearing pods medium green in color, 3½ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. Pint 35c; quart 60c; peck $2.75; bushel $10.25.



Premium Gem Peas.

Telephone.

Laxton Superb—A new dwarf Gradus. This is the largest podded of all the early dwarf varieties and is a new sort of decided merit. The vines are vigorous, growing about 16 inches high and produce a large crop of good-sized pods, averaging from 9 to 10 peas to the pod. The peas are of exquisite flavor and mature early. Pint 35c; quart 60c; peck $3.50; bushel $14.00.

Mann's Full Pod Pea

(SPECIALTY, see page 3.)

An extremely valuable variety, superior to Nott's Excelsior and American Wonder, especially suited to small home gardens. Pint 40c; quart 75c; peck $4.00; bushel $15.00.

Telephone, Improved Stock—A luscious wrinkled-pea pod large size and peas excellent quality; an enormous cropper; grows 4 feet high. Pint 35c; quart 60c; peck $2.75; bushel $10.25.

Radish—Rettig

One ounce will sow 100 feet of drill. Nine pounds will sow an acre.

Culture—Select light, sandy soil, spade deeply and manure well. For early crop, sow in hotbeds in February or March; for main crop, sow at intervals from early spring until last of September in deep, rich soil. Broadcast sowing is allowable, but drilling is more professional; however, radishes do well by either method. Thin when they crowd, or the crop will be imperfect. They may be drawn after a few weeks' growth.

Long Bright Scarlet, White Tip—Matures in 25 days from planting, continuing crisp until full grown. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Long White Icicle—The popular long white radish, very early. The best long white radish. Skin is pure white; flesh crisp and tender, remaining so for a long time. It is very early, maturing in 25 to 30 days. Makes a fine show when bunched for market. Popular with market gardeners. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

RADISH—Continued

White Strasburg Radish.

Crimson Giant—A large globe-shaped variety of recent introduction. Color is brilliant cardinal; flesh firm and tender; matures early; grows to a large size, and is always very crisp and tender. We consider this one of the very best second early forcing varieties. Highly recommended for outdoor planting. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Early Scarlet Turnip, White-Tipped — Early fine grain and flavor, round, with white tip. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Vick's Scarlet Globe—A very desirable variety for open ground or forcing. It is nearly olive-shaped; bright scarlet color, of fine quality. Matures very early and does not become unfit for use as soon as many extra-early sorts. (See illustration.) Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Early Scarlet Turnip—The old favorite turnip-shaped radish of medium size, quick to mature; a very desirable variety. Packet 5c; ounce 10c; ¼ pound 30c; pound $100.

Early Long Scarlet—Short tops, long, deep scarlet roots, fine flavor. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

French Breakfast—A quick-growing, oval-shaped radish, light color and white tip. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Half-Long Deep Scarlet (Paris Beauty)—Color bright scarlet. Flesh pure white, crisp and juicy. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Large White Summer Turnip—Excellent for summer use. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Long White Vienna, or Lady Finger—This in shape resembles the long scarlet; color snow white. It is of rapid growth, and remarkably crisp, brittle and tender. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

White Strasburg—Large white radish, which stands summer heat; handsome shape and pure white color (See cut.) Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

New Chartier—The color at top is crimson, running into pink at middle, and thence downward to pure waxy white. It will attain a very large size before it becomes unfit for use. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Chinese Winter Rose—Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Round Black Spanish Winter—Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Long Black Spanish—Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

California Mammoth White—Largest of all the winter radishes and extensively grown by the Chinese gardeners in California. Grows 10 to 12 inches long and from 2 to 3 inches in diameter. Pure white skin and flesh; solid, crisp and of good flavor. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

White Spanish Winter—Large size and a good keeper. Skin and flesh white. Solid, crisp and tender. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Vick's Scarlet Globe.

Rhubarb or Pie Plant

Very familiarly known as the Pie Plant. The foot stalk is the portion that is used, and is the first vegetable of the season from the garden. Sow the seed early in the spring, in rows 1 foot apart, on rich ground. The second year after planting they can be removed, in autumn, to the permanent spot allotted to them Plant the roots 2 feet apart each way, in ground that is well enriched, at least 2 feet deep. Packet 10c; ounce 15c; ¼ pound 50c.

Victoria—Large size Roots. Each 20c; dozen $2.00.

StimUplanT
Makes a Wonder Garden

Guaranteed analysis: Nitrogen 11 per cent; Phosphoric acid 12 per cent; Potash 15 per cent. Highly concentrated in tablet form. Fine for the vegetable and flower garden and house plants; stimulates growth and increases production. 30-tablet pkg. 25c; 100-tablet pkg. 75c; 1,000-tablet pkg. $3.50.

Salsify or Oyster Plant

Five to eight pounds to an acre.

Culture — Sow early in spring in drills 15 inches apart; cover with fine soil 1½ inches deep, thin to 6 inches apart. As soil is strong and inclines to depth and lightness, it proportionately is adapted to Salsify. As the leaves resemble grass, be careful they are not mistaken in weeding. Salsify keeps over winter like parsnips.

Mammoth Sandwich

Sandwich Island Mammoth — The most popular salsify in cultivation, and far superior to the old varieties in size, weight and productiveness. A strong grower, with large, long, white tapering roots; without tendency to branch. We have taken great care in the selection of our seed stock so as to produce not only good size, but the smoothest roots possible, qualities that will be appreciated both by market and private growers. (See cut) Packet 10c; ounce 20c; ¼ pound 60c; pound $2.25.

Squash—Kurbis

Bush sorts, 1 ounce for 50 hills. Running varieties, 3 to 4 pounds, in hills, for an acre.

Culture—After the weather is settled and warm, plant in hills 5 to 8 feet apart. Rich soil is best, but if necessary, the hills alone may be enriched.

Early White Bush Scalloped, or Patty Pan—The best for early market use. Preferred for table. Packet 5c; ounce 15c; ¼ pound 30c; pound $1.00.

Summer Crookneck—Early, fine flavor; a desirable table sort. Packet 5c; ounce 15c; ¼ pound 30c; pound $1.00.

Benning's Bush Squash.

Benning Bush—Earlier than the White Bush; color very light shade of green; bush habit; very productive and attractive appearance. The improvement of the Benning Bush Squash over the old sort is quite distinct, in that it is earlier and has a very beautiful light shade of green color, in place of the creamy white which the older sort has. (See illustration.) Packet 5c; ounce 20c; ¼ pound 50c; pound $1.50.

Boston Marrow—A splendid winter squash, of good keeping qualities. Flesh bright orange, fine grain and flavor unsurpassed. Packet 5c; ounce 15c; ¼ pound 30c; pound $1.00.

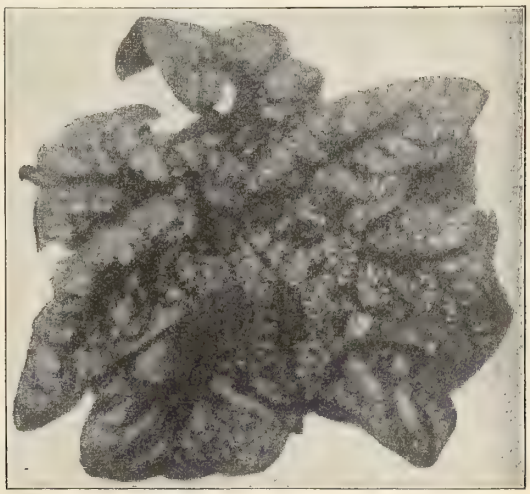
True Hubbard—A desirable sort, suitable for winter use. Packet 5c; ounce 15c; ¼ pound 30c; pound $1.00.

Spinach—Spinat

One ounce for 100 feet of drill. Sow ten to twelve pounds to the acre.

New Zealand—Grows large and produces a large quantity of leaves during the summer. Packet 5c; ounce 10c; ¼ pound 30c; pound $1.00.

Victoria—Dark green, crimped leaves. Packet 5c; ounce 10c; ¼ pound 25c; pound 60c.



True Bloomsdale Curley Savoy Spinach.

New Long Season—The best for spring sowing, because it will stand longer before running to seed than any other variety. Packet 5c; ounce 10c; ¼ pound 25c; pound 60c.

Bloomsdale Savoy—Well known and popular with market gardeners. The best and most profitable. Very curly. (See illustration.) Packet 5c; ounce 10c; ¼ pound 20c; pound 45c.

New Spring—A valuable sort; its attractive dark green color, long-standing and hardy character make it desirable for both spring and late sowing. Packet 5c; ounce 10c; ¼ pound 20c; pound 50c.

Virginia Savoy (Blight Resistant)—This new spinach was originated by the Virginia Truck Experiment Station. It is the result of years of scientific work by the experiment station and has proved a great success the past three years. It is a decided improvement over Bloomsdale Savoy as its blight-proof qualities and correct habit of growth makes it more valuable. Packet 5c; ounce 10c; ¼ pound 20c; pound 60c.

Tomato —Liebesapfel

Livingston's Beauty Tomato—The finest large-fruited, early purple variety. A decided favorite for home market or shipping, being early, hardy, a strong grower, productive, large, always smooth, perfect shape and excellent in quality. Packet 10c; ounce 40c; ¼ pound $1.00; pound $3.00.

Dwarf Champion—An early purple-fruited variety, forming strong, erect bushy plants. Fruit medium size, smooth and fairly solid. Grown extensively for plants and makes a handsome, sturdy bush. Packet 10c; ounce 40c; ¼ pound $1.00; pound $3.25.

Ponderosa—It is the largest-fruited deep-colored tomato known; of very fine quality, solid, almost seedless and free from acid. Packet 10c; ounce 40c; ¼ pound $1.50; pound $6.00.

Mann's Beauty Tomato
(SPECIALTY, see page 3.)

The finest large-fruited, early purple variety. A decided favorite for home market or shipping, being early, hardy, a strong grower. Packet 15c; ounce 40c; ¼ pound $1.25; pound $4.00.

Ponderosa Tomato.

Dwarf Stone—Vine dwarf, but vigorous and productive. While maturing with later sorts, the bright red fruit is of good color, exceedingly smooth, very solid and the largest of any of the dwarf varieties. Packet 10c; ounce 40c; ¼ pound $1.00; pound $3.25.

"Bonny Best" Early Tomato—Enormously prolific, scarlet red, globe-shaped fruits, smooth and ripening evenly without cracking. Packet 10c; ounce 40c; ¼ pound $1.00; pound $3.50.

New Stone—This variety has obtained great favor with canners and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape perfectly smooth and thicker from stem to blossom end than most varieties. Packet 10c; ounce 40c; ¼ pound $1.00; pound $3.00.

Matchless—One of the best main-crop tomatoes. The solidity, absence of core, size and color of the fruit, together with its freedom from rot, all unite in making this well worthy of the name of "Matchless." Fine both for private and market gardening and canning. Packet 10c; ounce 40c; ¼ pound $1.00; pound $2.75.

Chalk's Early Jewel—An extremely early variety of brightest scarlet color, deep fruited, very hardy and solid, with few seeds and of excellent flavor. The popular early variety. Packet 10c; ounce 40c; ¼ pound $1.00; pound $3.50.

Earliana—The earliest large tomato; is not only remarkable in earliness, but for its very large, uniform size, handsome shape, red color and wonderful productiveness. Packet 10c; ounce 40c; ¼ pound $1.00; pound $3.00.

John Baer Extra Early—Scarlet fruited, hardy and productive. Shippers should try it. Packet 10c; ounce 40c; ¼ pound $1.25; pound $4.00.

Red Rock—One of the finest for canning, being extraordinarily solid, smooth and red. No other variety has any better qualities than the Red Rock. Of fine flavor, very meaty and wonderfully free from acid. A heavy producer and good shipper. We think it is the coming tomato for main crop and canners' use. Packet 10c; ounce 40c; ¼ pound $1.00; pound $2.75.

Greater Baltimore—An excellent main crop sort, producing large, solid smooth fruit of a brilliant red color. It ripens evenly to the stem and is entirely free from ridges. Used extensively by canners. Packet 10c; ounce 40c; ¼ pound $1.25; pound $4.00.

Acme—One of the earliest and best purple sorts of medium size, perfectly smooth, very solid and a great bearer; crimson color with pinkish cast. Packet 10c; ounce 40c; ¼ pound $1.00; pound $3.00.

Pear-Shaped Yellow Tomato—Handsome, bright, pear-shaped yellow fruit. Packet 10c; ounce 40c; ¼ pound $1.25.

Plum-Shaped Yellow Tomato—Round and regular, bright yellow; used for pickling. Packet 10c; ounce 40c; ¼ pound $1.25.

Turnip —Stockrube

Purple-Top White Globe—A standard white variety, with purple top, handsome globe-shaped and heavy cropper; leading turnip among truckers and gardeners Packet 5c; ounce 10c; ¼ pound 20c; pound 75c.

Extra-Early Purple-Top Milan—Earliest turnip in cultivation; fit for use a week sooner than others. Suitable for spring or fall planting. Packet 10c; ounce 15c; ¼ pound 35c; pound $1.00.

Yellow Aberdeen—Hardy, good keeping turnip; yellow flesh and very productive. Packet 5c; ounce 10c; ¼ pound 20c; pound 75c.

Amber Globe—A good variety for general crop. Flesh solid and sweet; keeps well late in spring, grows large; fine for table or stock. Packet 5c; ounce 10c; ¼ pound 20c; pound 75c.

Purple-Top Strap Leaf—A white, flat, strap-leaf turnip, with purple top; mild flavor and very popular. Pkt. 5c; ounce 10c; ¼ pound 20c; pound 65c.

Improved American Purple-Top Rutabaga—Very hardy and productive; flesh yellow, solid and sweet. Packet 5c; ounce 10c; ¼ pound 20c; pound 75c.

Mann's Superior Flower Seeds

Our constant aim is to supply our customers with the very best domestic and imported strains obtainable. We spare no expense in our efforts to maintain the highest standard of quality. Our list contains those varieties which are most popular because of their beauty, usefulness, and ease of cultivation.

Annuals are those which attain full growth, bloom and die the same year, and are raised from seed exclusively.

Biennials attain full growth, bloom and die the second year from the planting of seed.

Perennials produce plants the first year, which with a few exceptions do not flower until the second year from planting of seed after which they bloom every year and last several years.

The class to which each variety belongs is indicated as follows (A) for Annuals; (B) for Biennials; (P) for Perennials.

All Flower Seeds mailed free on receipt of price quoted. Cultural directions on each packet.

Vick's Branching Aster.

ASTERS (VICK'S). A. Mixed.—Of all garden flowers from seed, there is none that gives more satisfaction than the Aster. There is an early, medium and late sort now of rare beauty, so that you can have flowers from June until frost. Our sorts are the best. Pkt. 10c; oz. $1.00.

ALYSSUM, SWEET (Little Gem). A.—Of dwarf, compact habit, 4 to 6 inches in height. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn. Pkt. 10c; oz. 75c.

AMARANTHUS (JOSEPH'S COAT). A.—Tricolor; a hardy annual with leaves of red and green; well known as "Joseph's Coat," the colors being especially brilliant if grown in rather poor soil. Pkt. 10c; oz. 75c.

ANTIRRHINUM (SNAPDRAGON). P.—This is a well-known and valuable plant, bearing long spikes of many colored flowers throughout the season. Fine for cutting as well as garden display. A hardy annual but sometimes lives over to the second year. Seed rather slow to sprout. Pkt. 10c; oz. 75c.

ASPARAGUS SPRENGERI (Emerald Feather).—One of the best plants to grow in suspended baskets, window boxes, vases, etc.; for the greenhouse in winter and outside in the summer. Pkt. 10c; oz. $3.00.

ADONIS, AUTUMNALIS (Flos Adonis). A.—Small, crimson flowers, with dark center; globose. Height 1 foot. May to July. Pkt. 10c; oz. 15c.

ACROCLINIUM, ROSEUM. A. — A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting.

Double Mixed—Pkt. 10c; oz. 20c.

AGERATUM (Floss Flower). A.—One of the best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. Dwarf mixed. Pkt. 10c; oz. 50c.

BALLOON VINE. — Remarkable for its inflated membraneous capsules containing the seed. It is sometimes called "Love - in - a - Puff." A rapid and graceful climber. Flowers white. Tender annual; 6 feet high. Pkt. 10c.

BALSAM (LADY'S SLIPPER, or TOUCH-ME-NOT). A.—Our Camellia-flowered strain produces the finest double blossoms, and is quite a revelation compared with the old varieties. Sow in rich soil for the finest blooms. Pkt. 10c; oz. 75c.

BALSAM APPLE (Momordica Balsamina). A.—A rapid growing vine producing apple-shaped fruits. Pkt. 10c; oz. 50c.

BRACHYCOME (Swan River Daisy). A.—Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. Pkt. 10c; oz. $3.00.

CALLIOPSIS, or COREOPSIS.—Very showy border plants, producing in great profusion and for a long time flowers which are bright yellow and rich brown, either self-colored or with these colors and red contrasted. Pkt. 10c; oz. 35c.

CANARY BIRD FLOWER.—A beautiful climber with curiously-shaped little canary-colored blossoms. Will blossom freely from July until killed by frost. Tender annual. Pkt. 10c.

CANDYTUFT. A.—Showy, branching plants, 6 to 18 inches high. Indispensable for cutting and very effective in beds or masses. If sown in spring will blossom from July to September, or in the fall will blossom from May to July. Hardy annual. Fine mixed. Pkt. 10c; oz. 40c.

CARNATION, MARGUERITE. P.—The plants of this wonderfully fine strain may be made to flower in 4 months. The flowers are large, double and very fragrant, and appear in very attractive shades of color. One of the best "pinks" in cultivation. Pkt. 10c; oz. $1.25.

CALENDULA (Pot Marigold). A.—This is the "Marygold" of Shakespeare's time; one of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost; valuable also for pot culture; blooming freely in winter and early spring. Pkt. 10c; oz. 25c.

CENTAUREA (BACHELOR'S BUTTONS). A.—Popular Everlastings, bearing hundreds of clover-like heads of different colors. Useful also for bedding and borders. Pkt. 10c; oz. 50c.

CASTOR BEAN, or RICINUS. A.—Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed metallic hue and long spikes of scarlet, or of green, prickly fruit. Of very quick growth in rich soil. Tender annual; 6 to 15 feet high. Pkt. 10c; oz. 15c.

COLEUS. P.—The most popular of all foliage plants. Easily grown from seed, but must be started in a box in the house or hotbed, as the seed is very fine and when sown is scarcely covered, but must be kept moist. Tender annual. Pkt. 10c.

COCKSCOMB DWARF MIXED A. Showy dwarf growing plants bearing large velvety combs. If the combs are cut before frost they may be dried and used for winter decoration. Pkt. 10c.

Chrysanthemums.

COSMOS. A.—Of all fall flowers there is none that has become so popular as Cosmos. Sow the seed in March, April and May, and will bloom in September. Does best in light, rich soil, in sunny places; grows about 7 feet high. Flowers are borne on long stems in clusters of pink, dark pink and white colors. Fine for house and church decorations. Pkt. 10c; oz. 50c.

CONVOLVULUS MINOR (DWARF MORNING GLORY). A.—Dwarf plants of trailing, branching habit, each covering a space about 2 feet in diameter. At midday they are completely covered with a mass of pure white and brilliant many-colored blossoms, which remain open in clear weather till evening. Half-hardy annual; 1 foot high. Mixed. Pkt. 10c; oz. 25c.

CYPRESS VINE. A.—A most beautiful climber with delicate dark green feather foliage and an abundance of bright star-shaped rose, scarlet or white blossoms, which contrast most effectively with the graceful foliage. Tender annual; about 15 feet high. Mixed. Pkt. 10c; oz. 60c.

CATCHFLY, SILENE. A.—The varieties offered below are very pretty hardy perennials, well adapted for the rockery or the front of the hardy border. Glistening white flowers in July and August. Pkt. 10c; oz. 50c.

CLEMATIS, PANICULATA (Japanese Virgin's Bower). P.—Perennial climber; fine for arbors, verandas, etc. The beautiful autumn-flowering variety, admired for its fragrant, white star-shaped flowers. Pkt. 10c.

COLUMBINE, AQUILEGIA. P.—The Aquilegias are fine, free-flowering, hardy border plants. Seed may be planted in the open ground early in the spring, and will, in the case of single varieties, bloom same season. Best results are obtained by planting in August, when they will come up early in the spring, making vigorous plants, blooming during late spring and early summer. Pkt. 10c; oz. 75c.

SHASTA DAISIES (Chrysanthemum Leucanthemum). P.—A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. Pkt. 10c; oz. 75c.

CHRYSANTHEMUMS, CORONARIUM, Double Mixed. P.—Yellow, white, etc. Pkt. 10c; oz. 25c.

CLARKIA, PULCHELLA. A.—This pretty and easily grown annual has been much improved in recent years. They do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. Pkt. 10c; oz. 75c.

DIANTHUS, PINKS. B.—Double Japan Mixed (Chinensis Laciniatus).—The flowers are rich in hue; very double, deep-fringed petals. Colors vary from white to rose, lilac, carmine, crimson, scarlet, purple, brown and almost black, spotted and striped. Mixed. Pkt. 10c; oz. 50c.

DATURA, CORNUCOPIA (Trumpet Flower). A.—A grand annual plant. The flowers average 8 inches long by 5 inches across; French white inside, purple outside; delightfully fragrant. Started early, will flower from early summer until fall. Pkt. 10c; oz. 75c.

DIGITALIS (FOXGLOVE). P.—Grows to the height of 3 or 4 feet, affording dense spikes of brilliantly-colored flowers, which are terminal and half as long as the height of plant. Colors white, lavender and rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials. Pkt. 10c; oz. 75c.

DAISY, ENGLISH (BELLIS). P.—A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring until August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds, selected after careful test. Pkt. 10c; oz. 75c.

ECHINOCYSTIS (Wild Cucumber Vine).—Lobata. One of the quickest growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and sprays of white flowers in July and August. Pkt. 10c; oz. 25c.

EUPHORBIA (Snow-on-the-Mountain). A.—Strong-growing annuals, suitable for beds of tall-growing plants, or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental. Attractive foliage; veined and margined with white; 2 feet. Pkt. 10c; oz. 75c.

FOUR O'CLOCK (MARVEL OF PERU). A.—The plants are large, and each needs 3 or 4 feet of space each way for its best development. The flowers are funnel-shaped, white, red, yellow or striped with these colors and open about 4 o'clock in the afternoon. Pkt. 10c; oz. 25c.

FORGET-ME-NOT (MYOSOTIS). P.—A favorite old-fashioned flower, bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial. Pkt. 10c; oz. 50c.

GYPSOPHILA (Baby's Breath). A.—Pretty, free-flowering, elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut-flowers. Pkt. 10c; oz. 25c.

Carnation. See page 23.

GOURD (CUCURBITA). A.—A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. Tender annual; 10 to 20 feet high. Pkt. 10c; oz. 25c.

GODETIA. A.—This beautiful hardy annual deserves more extensive cultivation. The plants bloom profusely and are splendid for bedding. We also recommend that those with greenhouse facilities try growing these as a pot-plant for winter decoration. We offer the single-flowering sorts, which grow about 1 foot high, and the double varieties, which attain the height of 2 feet. Pkt. 10c; oz. 75c.

HELIOTROPE. P.—Highly valued for the fragrance of their flowers and duration of bloom. Half-hardy perennial, blooming the first year from seed. Dark varieties. Mixed. Pkt. 15c; oz. $2.50.

HOLLYHOCK. P.—The most majestic of hardy plants of the garden. When planted in rows in the garden or among shrubbery the effect is beautiful. Pkt. 10c; oz. $1.00.

HYACINTH BEAN (DOLICHOS). A.—A free-growing climber with heavy foliage and large sprays of white and purple flowers. Pkt. 10c; oz. 25c.

LOBELIA. P.—This dwarf and trailing varieties are fine for bedding, borders or hanging baskets; blooms profusely from June until November. Pkt. 10c; oz. $1.85.

LARKSPUR (DELPHINIUM). A.—An old-fashioned very choice, especially hardy annual, which increases in beauty each year. Vast improvements have been made by careful selection and attentive culture in size and color of the blossoms. Pkt. 10c; oz. $3.00.

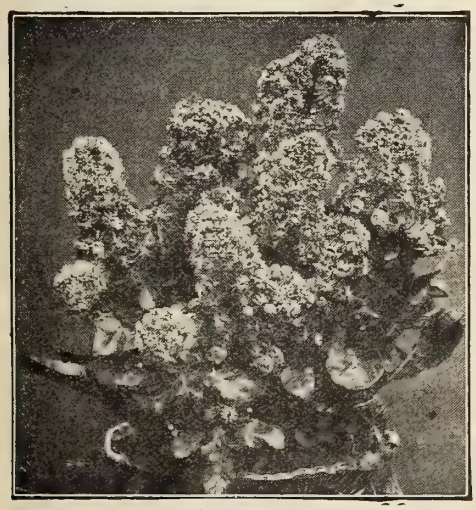
LYCHNIS. P.—Handsome hardy perennial plants of easy culture, for massing in beds or borders, blooming first year from seed if sown early. Pkt. 10c; oz. $4.00.

MARIGOLD. A.—One more of the old-time favorites an annual of easy culture, extremely effective, suited well for bedding in masses. Pkt. 10c; oz. 50c.

MIGNONETTE. A.—Few ladies would think that a garden was complete with Mignonette. For fragrance and beauty there are few flowers that are as universally admired. Pkt. 10c; oz. 20c.

MOON FLOWER (IPOMEA GRANDIFLORA). A.—At night and dark days the plants are covered with an abundance of large, pure white, fragrance flowers, 5 to 6 inches in diameter. It grows very rapidly, and will cover a very large surface. Pkt. 10c; oz. 50c.

MOURNING BRIDE (PIN-CUSHION FLOWER). A. These beautiful hardy annuals are in great demand. They grow about 2½ feet high and bloom from early in July without interruption until cut down by the frost. As a flower for cutting they are very popular. The various shades are extremely charming but are equally well adapted for borders or beds, where they display themselves very effectively. Seeds should be sown any time in the spring after danger of frost is past. Pkt. 10c; oz. 75c.



Mignonette.

Double Hollyhock.

NIGELLA ("LOVE IN A MIST"). A.—An unusual and attractive flower. Will stand hot weather and drought. Pkt. 10c; oz. 30c.

NASTURTIUM.—For easy culture and general satisfaction there is nothing that excels the Nasturtium. Brilliant in color and of great variety. A bed of these fine blossoms adds tone and elegance to any flower garden.

NASTURTIUM, TALL SORTS. A.—Mixed. Pkt. 10c; oz. 15c; ¼ lb. 40c.

NASTURTIUM, DWARF SORTS. A.—Mixed. Pkt. 10c; oz. 15c; ¼ lb. 40c.

PHLOX DRUMMONDI. A.—Very hardy annuals, unequaled in the magnificent display of their many and brilliantly colored flowers. They will grow even in poor soil, but in order to develop to their highest perfection must have rich soil and must be given room. Choice mixed. Pkt. 10c; oz. $1.25.

PANSIES. A. B.—Our selection of this well-known flower is, we believe, the best that is offered anywhere for size, variety and beauty, and have no equal. To grow pansies and secure the largest and best flowers, the seed should be sown in January and February, in the greenhouse or in boxes in the house. Pkt. 10c; oz. $1.50.

PORTULACA. A.—There are few flowers in cultivation that make such a dazzling display of color in the bright sunshine as a bed of portulacas. They are in bloom from about the first of July until killed by frost in autumn. Fine mixed. Pkt. 10c; oz. 70c.

PASSION FLOWER. P.—Handsome, rapid-growing perennial climber for greenhouse decoration or sunny positions in the open ground in summer. Pkt. 10c; oz. $4.00.

PRIMULA (Primrose). P.—The charming and beautiful Chinese Fringed Primroses and Obconica varieties are among the most important winter-blooming pot-plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Pkt. 10c.

POPPY (PAPAVER) CARNATION FLOWERED. A.—Well known hardy annuals and perennials, flowering in great profusion throughout the summer. Sow early in the spring where the flowers are to bloom, and cover lightly. Pkt. 10c; oz. 20c.

POPPY (IMPROVED SHIRLEY). A.—Mixed. Pkt. 10c; oz. 25c.

PETUNIAS. A.—For outdoor decoration, porch or window boxes few plants equal the Petunia in effectiveness. The Single Bedding kinds can be sown out of doors in May. Pkt. 10c; oz. 75c.

SALPIGLOSSIS, LARGE-FLOWERING (Painted Tongue). A.—These are one of the very finest annuals and are of the easiest culture, succeeding in any good ordinary soil and in a sunny position. The plants grow from 24 to 30 inches high, and produce freely from mid-summer until frost their attractive Gloxinia-like blossoms in a very large and unusual range of colors. They are splendid for cutting, lasting well. Seed may be started indoors or in a hot-bed about the end of March, or sown outdoors when danger from frost is passed and the ground is in good condition. For best results the plants should not be set closer than 12 inches apart. Pkt. 10c; oz. $1.00.

SCARLET RUNNER. A.—The well-known rapid-growing annual climber, with bright red flowers from July to September. Fruit is a most delicious vegetable. 8 feet. Pkt. 10c; oz. 15c.

STOCKS, CUT-AND-COME-AGAIN. A.—Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers. Pkt. 10c; oz. $1.25.

SUNFLOWER (LARGE RUSSIAN). A. — For planting and bird feed. Price 12c per lb.

SWEET WILLIAM. P.—A very beautiful class of easily grown and very hardy plants of extreme richness and diversity of colors, deliciously sweet-scented. Nothing surpasses this old rugged favorite for clumps or borders. Hardy perennials; about 1 foot. Pkt. 10c; oz. 50c.

SNAPDRAGON, ANTIRRHINUM. P.—This is a well-known and valuable plant, bearing long spikes of many colored flowers throughout the season. Fine for cutting as well as garden display. A hardy annual but sometimes lives over to the second year. Seed rather slow to sprout. Pkt. 10c; oz. 75c.

Dahlia-Flowered Zinnia.

Superb Spencer Sweet Peas.

Giant Spencer Sweet Peas

SPENCER'S CHOICE COLORS

Thos. Stevenson. Orange.
The President. Orange-Scarlet.
Royal Purple. Blue.
Rosabelle. Rose.
Mrs. Cuthbertson. White.
Fiery Cross. Deep Red.
Lord Nelson. Medium Blue.
White Spencer. White.
Counter Spencer. Deep Pink.

INOCULATE THIS SEED WITH MULFORD CULTURE

Barbara. Salmon.
New Wedgewood. Blue.
King Edward. Crimson.
Elfrida Pearson. Light Pink.
Margaret Atlee. Giant Pink.

All of the Above, Ounce 25c; Pound $3.00.

Spencer's Mixed Colors. Packet 10c; ounce 25c; pound $3.00.

Eckford's Mixed Sweet Peas.—Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. $1.00.

SALVIA SPLENDENS (SCARLET SAGE). A.—Large, brilliant scarlet flowers are in these plants afforded a rich dark green background of dense foliage. This variety is most generally used in parks and on extensive lawns. Pkt. 10c; oz. $2.00.

THUNBERGIA (Black-eyed Susan). A.—Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively for hanging-baskets, vases, low fences, etc. Very pretty flowers in buff, white; orange, etc., with dark eyes. 4 feet. Mixed colors. Pkt. 10c; oz. $1.00.

VERBENA. A.—Flower produces a mass of flowers from spring to late fall. Our strain is as fine as the world produces. Large flowers and free blooming. Pkt. 10c; oz. $1.25.

WALLFLOWER. P.—Well-known, very fragrant garden plant, blooming early in the spring, with large, conspicuous spikes of beautiful flowers; prized for bouquets. Pkt. 10c; oz. 25c.

ZINNIAS. A.—One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty, size and form moderate-sized dahlias. Choice mixed. Pkt. 10c; oz. $1.50.

BULBS FOR SPRING PLANTING

CHOICE CANNAS

THE PRESIDENT—This is described best when said to combine all the good qualities of Fire Bird with none of its faults. Blooms are pure crimson and foliage deep green. Height, 4 to 5 feet. Each, 15c; per dozen, $1.50.

KING HUMBERT—The most popular of cannas. Gigantic orange scarlet trusses with red markings. Foliage deep coppery bronze. 5 feet tall. Each 10c; per dozen $1.00.

LOUISIANA—Strong, vigorous, vivid scarlet flowers, the largest and finest of their color; 7 feet tall. Each, 10c; per dozen, $1.00.

CALADIUM or ELEPHANT'S EARS

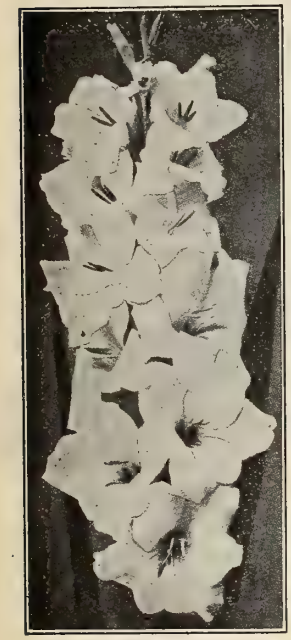
MAMMOTH BULBS—Each, 25c.

Large Bulbs—Each, 15c.

TUBEROSES

REGULAR GRADE—Per dozen, 50c.

MADEIRA VINES—Each, 10c; per dozen $1.00.



America.

GLADIOLI

New and Choice Named Varieties

The Gladiolus is one of the most decorative plants in the garden, and as a cut flower lends itself readily to any arrangement. If the spikes are cut when the lowest flower is in bloom, the others will open in succession and remain fresh a week or ten days.

SCHWABEN — Light yellow, deep red blotch. Per dozen $1.00.

BARON JOSEPH HULOT—Deep indigo blue, slightly marked white at the base of the throat; very attractive when arranged with yellow flowers in a vase. Per dozen $1.00.

MRS. FRANCIS KING—Light scarlet of pleasing shade; a beautiful variety. Per dozen 50c.

MRS. FRANK PENDLETON — Very large graceful blossoms of lovely, bright pink, with rich carmine blotches on the lower petals; very beautiful. Per dozen 50c.

PANAMA — Beautiful deep rose self, large flowers; fine spike. Per dozen, 50c.

CHICAGO WHITE—Large flower; white with lilac blotch on lower petal. Per dozen, 50c.

AMERICA—Very popular. Flowers soft lavender-pink. Well known florists variety. Per dozen, 50c.

MANN'S RAINBOW MIXTURE—Contains only finest named sorts of our list. This gives a wide range of color and markings. We mix them ourselves and feel convinced they will please the most critical buyer. Per dozen, 40c.

CHOICE SELECTED DAHLIAS

KALIF—A handsome variety producing giant flowers on long stiff stems. Color pure scarlet. Each, 75c.

J. H. JACKSON—Finest black dahlia in existence. Color deep, blackest maroon. Gigantic size. Each, 20c; per dozen $2.00.

WHITE SWAN—Pure white, the standard commercial Ball Dahlia. A strong grower and free bloomer. Each, 25c; per dozen, $2.50.

Canna.

DELICE—Large flower with long stems, very fine for cutting, color clear bright rose-pink. Each, 25c; per dozen, $2.50.

SYLVIA—Deep pink with white center. A showy variety. Fine for cutting. Each, 25c; per doz. $2.50.

MINA BURGLE—Light red. Each 25c.

MEPHISTOPHELES—Ruby Red. Each 50c.

S. D. BOSS—Dark red. Each 50c.

SNOWDRIFT—Snow White. Each 50c.

MIXED DAHLIAS—A splendid mixture of many fine varieties. Each 10c; per dozen $1.00.

Kalif Dahlia.

STIM-U-PLANT

An All-the-Year Fertilizer for Garden and House Plants

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for the purpose is STIM-U-PLANT, an odorless, highly concentrated plant-food, in tablet form, with guaranteed chemical analysis of 11 per cent Nitrogen, 12 per cent Phosphoric Acid, 15 per cent Potash. The proportions 25c pkg.; 75c pkg., $3.50 1,000 tablets.

WALKER'S EXCELSIOR PLANT FOOD

The Essence of Plant-life
FOR HOUSE PLANTS AND FLOWER GARDENS

WALKER'S EXCELSIOR PLANT FOOD assists in retaining moisture. Will mature plants from two to three weeks earlier. Where the plant food has been used, cutworms and wireworms cannot live.

The 12-page booklet, the "Window Garden—How to Make It a Success," is furnished FREE with every can of the food. Sold in powdered form and is used dry or by dissolving in water.

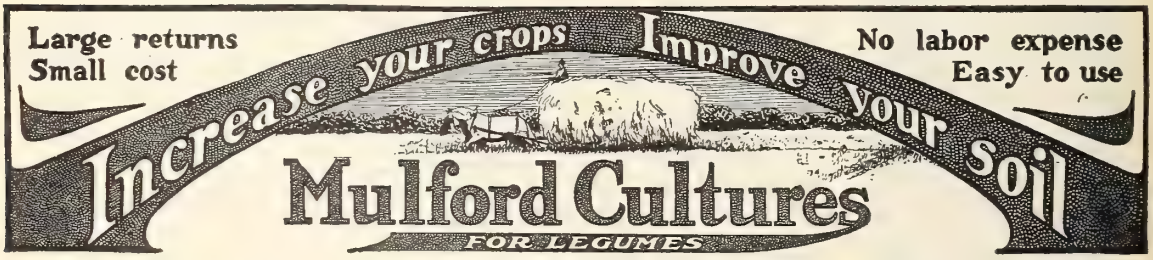
5-ounce size, making	6 gallons	$ .25
12-ounce size, maikng	15 gallons	.40
5-pound size, making	100 gallons	1.50

FULTON'S Plantabbs

ODORLESS PLANT FOOD TABLETS

Guaranteed to contain 11% nitrogen (ammonia), 15% phosphoric acid and 20% potash. The ideal food for all potted plants, outdoor flowers and vegetable gardening.

Include in your next order. Price: 30 tablets 25c.; 65 tablets 50c.; 150 tablets $1.00; 1000 tablets $3.50.



Legume crops, properly inoculated with nitrogen-fixing bacteria, add both humus and nitrogen to the soil and should be included in every crop-rotation program.

Inoculate all your legume crops with **Mulford Culture Concentrates.** Especially recommended because they contain enormous numbers of active, vigorous nitrogen-fixing bacteria, grown from pure, tested strains.

Mulford Culture Concentrates are prepared with the utmost scientific care and skill. Economical. Easy to use. The sealed bottle insures purity.

They offer you the most economical and satisfactory method of adding nitrogen to your soil.

Always specify on your order what crop you want to inoculate.

FOR SMALL SEEDS

10, 2½, 1 and ½ bushel sizes

Alfalfa, Burr Clover, Sweet Clover, Yellow Clover, Sainfoin, Crimson Clover, Red Clover, Alsike Clover, Berseem Clover, White Clover, Mammoth Clover, Lespedeza, Beggarweed

10 bushel size	$8.00
2½ bushel size	2.25
1 bushel size	1.00
½ bushel size	.60

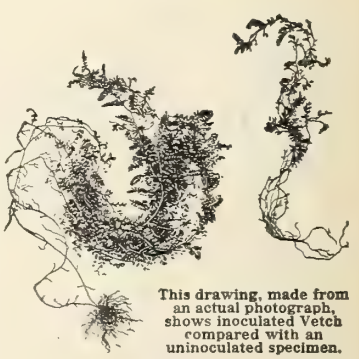
FOR LARGE SEEDS

20, 5, 2 and 1 bushel sizes

Canada Field Peas, Garden Peas, Sweet Peas, Perennial Peas, Vetch, Lupins, Cow Peas, Velvet Beans, Peanuts, Soy Beans, Mung Beans, Garden Beans, Lima Beans

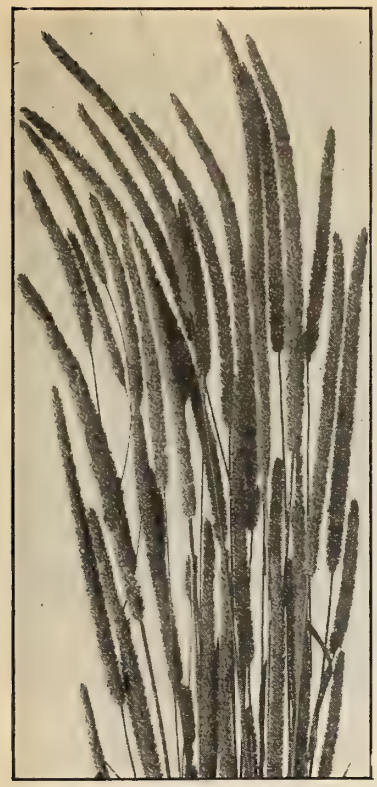
20 bushel size	$8.00
5 bushel size	2.25
2 bushel size	1.00
1 bushel size	.60

Garden size (composite culture for Garden Beans, Garden Peas, Lima Beans and Sweet Peas) ..... .35



This drawing, made from an actual photograph, shows inoculated Vetch compared with an uninoculated specimen.

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST



Timothy.

Grass and Clover Seeds

All Prices on Application

TIMOTHY (Phleum Pratense).—This makes one of the most popular, nutritious and salable of hay grasses. It is best adapted for sowing on clay or heavy loam, lowlands or in mountainous districts, although it will do well on any good loamy soils, provided moisture is abundant. It does not succeed so well, however, as Orchard, Tall Meadow or Herd's Grass on soil of a sandy or loamy texture, and is not of so much value for pasturage as other grasses. Rep Top or Herd's Grass and Meadow Fescue mature at the same time as Timothy, and are excellent grasses to sow with it, both for hay and pasturage. They will increase the yield of hay and will very largely increase the yield and value of the pasturage. These will furnish an excellent mixture, both for hay and pasturage, on good loamy clay or lowground soils.

ORCHARD GRASS (Dactylis Glomerata).—Orchard Grass is a very vigorous grower, and yields large crops of excellent and most nutritious hay, and will last for years in increasing value with proper treatment. It is succulent and nutritious, and when mowed requires only a few days of seasonable weather to start it growing again, and usually two good crops of hay can be cut in a season. Orchard Grass fields can be kept in a continuous state of productiveness, provided a light seeding is made early each spring. It can be sown either in the spring or fall, although it is best sown in the spring. Sow at the rate of two bushels per acre, or if sown with Red Clover, one and a half bushels of Orchard Grass and eight pounds of Clover are the quantities usually sown.

PACEY PERENNIAL RYE GRASS.—Used very largely in Europe for both hay and pasture, and well adapted to this section also for both. It is a strong grower, starting early in the spring, and can be used to great advantage in mixtures. When sown alone use two or three bushels per acre or eight to ten pounds in mixture.

KENTUCKY BLUE GRASS.—Kentucky Blue Grass is one of the richest and most nutritious of pasturage grasses, and should be largely used in all pasturage mixtures, except on very light or sandy soils. For fall, winter and spring it makes the very best of pasturage, and mixed with other grasses, like Herd's Grass, or Red Top, and Meadow Fescue, or Randall Grass, will give an excellent all-the-year-round pasturage.

GOLDEN, or LIBERTY MILLET.—Golden, or Liberty Millet makes a large yielding and most nutritious hay crop, quick-growing and easily cured. It requires, however, to be seeded thickly—not less than one bushel per acre—and the crop should always be cut while in bloom, before the seed hardens in the head. If the seed is allowed to form, the stalks get hard, and it does not make nearly as good quality hay, and at the same time it is more exhaustive to the land.

RHODE ISLAND BENT (Agrostis Canina).—A fine and very permanent grass, chiefly used for pastures or lawns, for which it is one of the best. Bushel equals fourteen pounds.

RED TOP, or HERD'S GRASS.—Red Top, or Herd's Grass, is one of the best and most satisfactory grasses all throughout the South. It is well adapted to all soils and situations, succeeding well on light, sandy soils, as well as stiff upland and lowground, and it really succeeds better in moist situations than almost any other grass. After once being established, it thickens and improves year by year, taking possession of the land and increasing in yield and quantity each successive year.

BERMUDA GRASS.—One of the most valuable pasturage grasses for the South. Recommended for spring seeding only.

Golden, or Liberty Millet.

Clovers

Red Clover.

RED CLOVER (Trifolium Pratense).—Red Clover not only furnishes most excellent pasturage and fine hay crops, but its growth improves the land and adds humus to the soil wherever it is grown. It is the standard hay, pasturage and soil-improving crop wherever general farming is practiced.

ALSIKE CLOVER.—Grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also hardier, resisting extremes of heat and drought and also severely cold weather to a remarkable extent. It succeeds on a variety of soils, light upland loamy lands as well as stiff bottom lands. The good qualities of Alsike are being appreciated everywhere.

CRIMSON, or SCARLET CLOVER.—Also known as Annual, or German Clover. This is for fall sowing only. When sown during June, July, August and September, in this latitude, it produces a wonderful crop and is one of the most successfull soil-improvers that we have. Improves worn-out and poor soils, and is the cheapest and best fertilizer. Being a winter crop, it should be sown in August and September. Sow ten to fifteen pounds per acre. Bushel, sixty pounds.

INOCULATE THIS SEED WITH MULFORD CULTURE

JAPAN CLOVER (Lespedeza Striata).—This is particularly suitable for waste lands, woodland pastures; grows fairly well on poor soils and spreads rapidly, and when once established usurps wild growths, and will in many cases even subdue broom sedge. It is not, however, a pest, and can be gotten rid of by plowing it up, and is an excellent fertilizer. Japan Clover is particularly valuable for pasture on such soils as described, and where the soil is good yields a fair quantity of good hay. It is relished by cattle, is nutritious and fattening. To obtain a stand it is only necessary to scatter the seed broadcast in the spring, during March or April, at the rate of about ten pounds per acre. Harrowing the land over before the seed is sown, when it can be done, is, of course, better, though this is not imperative to obtain a good stand.

ALFALFA, or LUCERNE.—The hardiest and most lasting of all Clovers, and when once established the most productive as well as the best soil-enricher of all. It can be cut for hay several times a year, yielding bountifully at each cutting, and the hay is of the highest feeding value. When established, Alfalfa yields four to eight cuttings per season, depending upon the section. It should not be grazed. It does best on a loamy limestone soil, the lime being very essential to its growth, and where lime is absent from the soil it should be added, and, as the roots penetrate to a great depth, it is not advisable to sow it on very heavy clay soils.

Field of Alfalfa.

WHITE BOKHARA, or SWEET CLOVER.—Can be sown either in the spring or fall. Should be sown at the rate of 15 pounds to the acre. It furnishes good inoculation as a crop to precede alfalfa, and is also adapted for sowing on hillsides that are liable to wash or gully; but it will not succeed well on lands that do not contain some lime content. It is also largely used for sowing for bees.

PRICES ON ALL GRASS AND CLOVER SEED ON APPLICATION

Soy, or Soja Beans

Cow Peas

Cow Peas will make a good growth under very unfavorable conditions and on poor soil. However, as their merit as a soil improver lies in their ability to gather nitrogen, it stands to reason that the greatest benefit will be derived where the soil is put in good condition and fertile. Applications of lime to the soil are very beneficial also. The seed may be sown at any time in the spring when it has become warm enough to plant corn, and from that on to within about two months of frost time. It is well to remember the plant develops best in warm weather. Seed may be sown broadcast or with a wheat drill, using one to one and one-half bushels per acre.

BEST VARIETIES TO PLANT.—Clays, Whippoorwills, New Era, Mixed, Black Cows, Black Eyes, Canada Field Peas, etc. All our Cow Peas are fancy, recleaned, free from hulls. Write for our lowest prices.

Hairy or Winter Vetch

This is one of the most valuable forage crops for the South, but requires to be sown in the fall for best results. Can be sown any time from July to October. Succeeds admirably sown at the last working of corn or cotton with oats or wheat. Should be sown at the rate of twenty to thirty pounds to the acre with one bushel of Oats or three-fourths bushel of Wheat. The Oats or Wheat help to hold the Vetch off the ground, enabling it to make a better growth.

White Spring Oats

For a spring oat for seeding in March and April, the White Spring Oats are unquestionably the best and surest yielding of spring oats, the advantages claimed for it being that it is earlier to mature, free from rust, healthy, clean and vigorous growth of straw and makes a remarkable good yield of clean, bright, heavy grain. On account of its earliness to matures, it is one of the surest cropping varieties for the South.

Soy, or Soja Beans

WILSON EARLY BLACK.—A very prolific variety, and one of the best where a quick, early variety is desired. Average height on good land is about three feet.

MAMMOTH YELLOW.—The latest, yet the most extensively grown for both beans and forage both of which it yields in great abundance. It grows more than 3 feet high, is erect in growth.

VIRGINIA.—On account of its abundant growth and large yield of beans the Virginia makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow, it can be grown further North and throughout the corn belt. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure. The stems being fine and the leafage profuse adapts it particularly well for hay making.

Dwarf Essex Rape

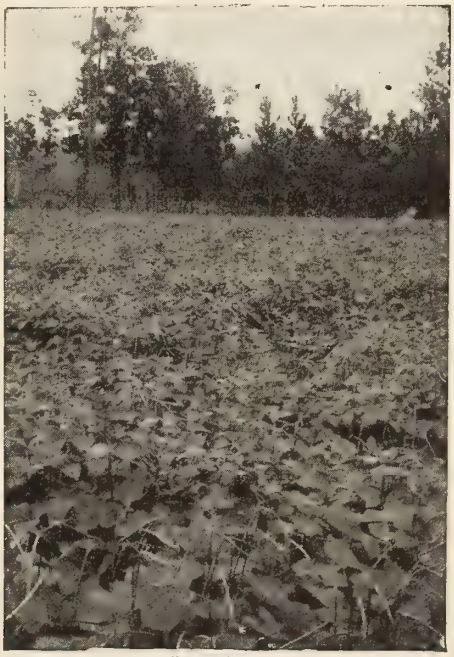
This crop is very highly recommended for pasturage for sheep and cattle, furnishing most rich and nutritious pasturage within six to eight weeks from the time of sowing. The fattening properties of Rape are said to be very much better than those of clover. Sow three to five pounds per acre in drills; six to eight pounds per acre broadcast.

Buckwheat

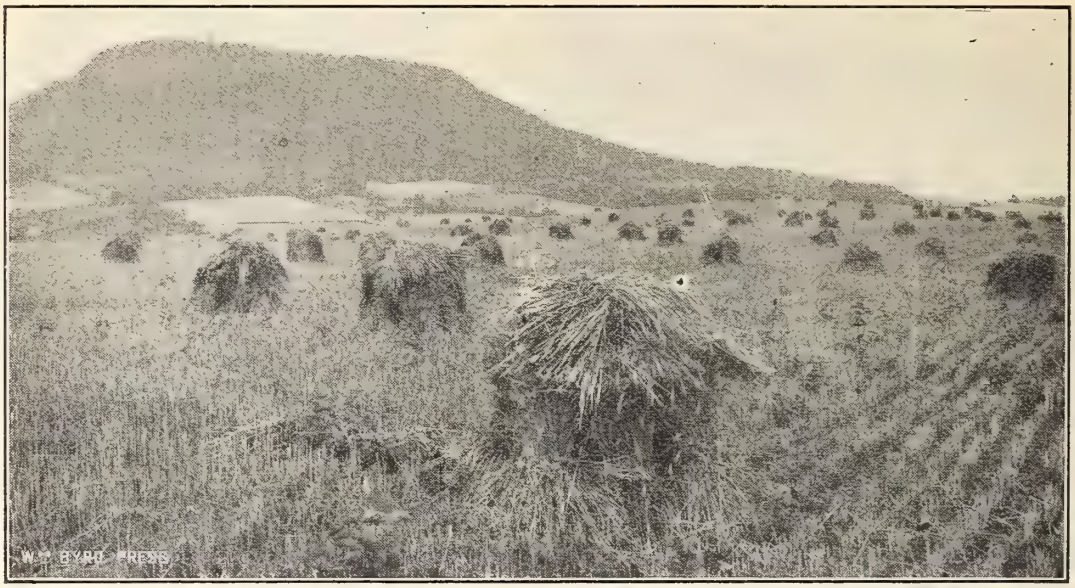
NEW JAPANESE.—This new sort has proven to be much earlier and more productive than any other variety. Grains very large and rich brown color. It excels all in yield and earliness.

Early Amber Sorghum

Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield two or three cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of 1 to 1½ bushels per acre in drills 3½ to 4 feet apart.



Cow Peas.



Wheat

LEAP'S PROLIFIC.—A splendid new variety, originating in the Shenandoah Valley. It is remarkable for its productiveness and fine quality of grain. The grain is flintier and of better milling qualities than the ordinary varieties. It is very uniform in its growth, stiff-strawed, healthy, strong grower and early to ripen. One thing particularly noticeable about this variety is its stooling qualities, it being particularly superior in this respect, producing more stalks to plant than the ordinary wheat. This, with the fine long heads which it produces, means an increase in productiveness, and farmers who have sown this variety are enthusiastic in its praise, claiming it to be the best and most productive variety now on the market.

PURPLE STRAW, or BLUE STEM.—A fine productive Wheat, in high favor in the South. Makes very best quality flour. We are very careful in securing this seed which we offer to get them from the best and largest-yielding crops grown throughout this section, and we have received the most flattering reports from our customers as to the large and satisfactory yields obtained from our seed.

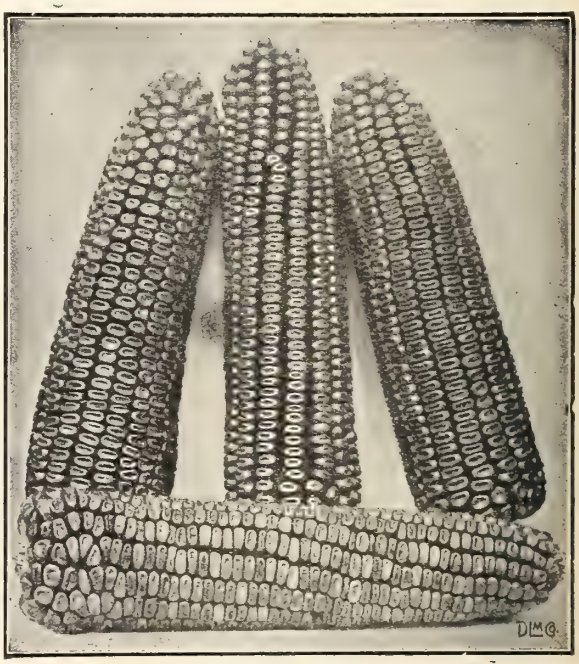
Selected Seed Corns

BOONE COUNTY WHITE.—A large-eared variety of White Corn. It has deep, soft and very white grains; it is a vigorous grower and has become very popular, and has probably taken more premiums than any other variety of corn for the last few years.

GOLDEN BEAUTY.—A broad-grained, large-eared variety, maturing in about 120 days; cob is small; grain very heavy and of a beautiful golden-yellow color.

COCKE'S PROLIFIC.—A very valuable white variety, making enormous yields on rich land. Especially adapted to river bottoms or lands subject to overflows. On account of its flintiness, it can be shocked and harvested early and will not rot in the shock; grains white and flinty; superior for meal and hominy.

EUREKA ENSILAGE.—This variety is bred from the Cocke's Prolific. The ears are much larger and longer, but not as many to the stalk. The ears run from 9 to 12 inches long. It is a rather hard, pure white variety, and makes excellent meal. Is especially adapted to rich low grounds, and is one of the most valuable ensilage varieties.



Golden Beauty

Earthenware Saucers

	Each.	Doz.
4 inch	$0.04	$0.40
5 inch	.06	.50
6 inch	.07	.65
7 inch	.10	1.00
8 inch	.12	1.25
9 inch	.15	1.50
10 inch	.18	1.75
12 inch	.30	3.00
14 inch	.40	4.00

Neponset Flower Pots

	Dozen.	Per 100.	Per 1000.
3 inch	$0.15	$0.80	$6.80

Flower Pots and Fern Pots

	Each.	Dozen.	Per 100
2 inch	$0.03	$0.20	$1.35
2½ inch	.04	.27	2.00
3 inch	.06	.30	2.25
4 inch	.06	.45	3.25
5 inch	.09	.70	5.25
6 inch	.12	1.25	7.75
7 inch	.18	2.00	15.00
8 inch	.30	2.75	20.00
9 inch	.40	3.75	29.00
10 inch	.55	5.50	37.50
12 inch	1.00	9.50	75.00
14 inch	1.60	16.00	125.00

Fertilizers for the Farm, Lawn and Garden

MANN'S PURE BONE MEAL

Pure animal bone is one of the best and most satisfactory fertilizers that the farmer can use. It can always be relied upon to give excellent results upon the growing crops, at the same time acting as a permanent improver.

Analysis

Bone Phosphate of Lime.....45 to 55 per cent
Ammonia ..... 2½ to 3½ per cent
Put up in 167-pound bags, 12 bags to the ton.

SPECIAL CORN AND OATS FERTILIZER

We recommend this specially prepared fertilizer for corn and oats. Its use will greatly increase the yield.

Analysis

Ammonia ..... 1¼ per cent
Available Phos. Acid.....10 per cent
Put up in 167-pound bags, 12 bags to the ton.

STANDARD POTATO FERTILIZER

This fertilizer is especially prepared for Irish and sweet potatoes, but will give splendid results on all root crops. We cheerfully recommend this brand to any one wanting a high-grade POTATO FERTILIZER. We ask you to give it a trial.

Analysis

Ammonia ..... 2 per cent
Phos. Acid ..... 8 per cent
Potash (Actual) ..... 3 per cent
Put up in 167-pound bags, 12 bags to the ton.

POTOMAC "A" AMMONIATED SUPER-PHOSPHATE

This is our well-known brand of General-Crop Fertilizer, and has stood the test for more than 25 years. As a fertilizer, we cannot speak too highly for this brand for all early vegetables.

Analysis

Ammonia ..... 2 per cent
Available Phos. Acid..... 9 per cent
Potash K. O. ..... 2 per cent
Put up in 167-pound bags, 12 bags to the ton.

For Tobacco Beds

10 PER CENT TRUCKERS' FERTILIZER

The highest grade manufactured. Very quick-acting fertilizer for Plant Beds. Matures crops at the earliest date.

Analysis

Ammonia ..... 10 per cent
Phos. Acid ..... 5 per cent
Potash ..... 3 per cent
Put up in 167-pound bags, 12 bags to the ton.

NITRATE OF SODA—For Forcing Plants and Shrubbery

1 lb. 10c; 3 lbs. 25c; 10 lbs. 75c; 25 lbs. $1.75; 100 lbs. $5.00.

SULPHATE OF AMMONIA

2-pounds pkg. 30c; 10 lbs. 75c; 25 lbs. $1.50; 100 lbs. $5.00.

BLOOD MEAL

One of the best plant foods for forcing flowers and vegetables. Excellent for Rose Bushes during blooming season. 10c per lb.; 3 lbs. 25c; 100 lbs. $4.50.

LIMOID—Hydrated Lime, For Lawns and Gardens

10-lb. bag.....30c 50-lb. bag.....75c
Special price in ton lots. Ask for circular on use of Limoid.

PULVERIZED POULTRY MANURE

5-lb. pkg. 30c; 10-lb. pkg. 60c; 25-lb. bag, $1.00.

SHREDDED COW MANURE—Garden and Lawn

100-lb. bag.....$3.50

PULVERIZED SHEEP MANURE

2 lbs. 15c; 5 lbs. 30c; 10 lbs. 60c; 25 lbs. $1.00; 50 lbs. $1.75; 100 lbs. $2.50.

MANN'S SPECIAL GRAIN AND GRASS MIXTURE

A grade of fertilizer which we can recommend for grain and grass.

Analysis

Ammonia ..... 2 per cent
Available Phos. Acid ..... 10 per cent
Put up in 167-pound bags, 12 bags to the ton.

**Fine-Ground Fish,
Ground Tankage,
High-Grade Acid Phosphate,
Muriate of Potash
Nitrate of Soda
Land Plaster
Hydrated Lime
Prices on Application**

LAWNS

Wizard Sheep Manure produces a thick velvety green turf of lasting beauty. Make an application early in Spring and you will be surprised at the new beauty it will develop. On new lawns broadcast 10 pounds to every 100 square feet and rake into the surface soil.

Insecticides and Fungicides

APHINE. A nicotine preparation for plant lice, thrip and red spider. 1 qt. $1.00; 1 gal. $3.00.

ARSENATE OF LEAD, For Leaf-Eating Insects. Sticks to the leaf better than paris green and remains longer in suspension, requires fewer applications; does not burn the leaf, thus allowing stronger solutions. White in color and shows just where it has been applied. These advantages make it preferable to paris green for destroying leaf-eating insects. Use 1 to 2 lbs. to 50 gals. of water for general spraying. We handle only the **dry powdered arsenate of lead,** which has proved in every way superior and more economical than the paste. Lb. 40c; 4-lb. pkg. $1.30.

ANT FOOD (McGREGOR'S). An amazing discovery for killing ants, cock roaches, woodlice, snails and certain other insects. ½ lb. 50c; lb. $1.

BORDEAUX MIXTURE. Ready for use by simply adding water. 1 lb. 40c, makes 5 gallons spray; 5 lbs. $1.50, makes 25 gallons spray. Quart, 50c; gallon, $1.50.

BUG DEATH. Used on potatoes, cucumbers, squash and currants, powerful insecticide. 1 lb. 25c; 3 lbs. 60c; 5 lbs. 75c; 12½ lbs. $1.50.

"BLACK LEAF 40"—40% Nicotine—Kills Aphis —For Sucking Insects. Kills plant lice on roses, shrubbery, fruits and vegetables. A concentrated solution of nicotine sulphate, guaranteed to contain not less than 40% of nicotine. A solution in the proportion of a teaspoonful to a gallon of water, to which add 4 lbs. soap to each 100 gallons of solution, will kill the garden pea louse and not injure the vine. Mix with 800 times its bulk of water. 1 oz. bottle 35c; ½ lb. $1.25; 2 lbs. $3.50; 10-lb. pkg. $13.50.

BLACK FLAG POWDER. Small size, 15c; medium size, 35c; large size, 70c. Powder Guns, 10c.

BLACK FLAG LIQUID. ½ pint, 20c; 1 pint, 35c; quart, 70c; gallon, $2.00.

DETHOL. Destroys insect pests, flies, mosquitoes, roaches, bed bugs, ants, moths, water bugs, animal lice and ticks. Positively kills mosquitoes and flies. Rid your place of roaches, ants and water bugs. Gets rid of bed bugs. 14 ozs. 50c; quart $1; gal. $3.

FISH OIL SOAP. Dissolved in water makes an excellent spray for scale on palms, etc. 1-lb. pkg. 25c; 5 lbs. $1.10; 10 lbs. $1.80.

HAMMOND GRAPE DUST, For Mildew and Blight. 1-lb. carton, 25c; 5 lbs. 75c.

HAMMOND'S SLUG SHOT, For Leaf-Eating Insects. Destroys insects, worms and caterpillars on vegetables, potatoes, garden and house plants, shrubbery, vines, trees, fruits and flowers. Although destructive to insects, it is harmless to man, beast or fowl, and does not injure foliage. May be applied dry or in water. 1 lb. 25c; 5-lb. pkg. 55c.

GRAFTING WAX. Used for grafting trees and other plants. ¼ lb. 15c; ½ lb. 25c; lb. 40c.

HELLEBORE (Powdered). An excellent protection from currant worms, grape slugs, caterpillars, etc. May be applied dry or mixed in water. One ounce to three gallons. ½-lb. box, 30c.

HALL'S NICOTINE FUMIGATOR (Free Nicotine in Powder Form). A fumigating powder saturated with Free Nicotine. Rids the greenhouse of plant lice and similar insects. It lights quickly, burns evenly and will not go out. No waste—every particle is consumed. A measuring dipper comes in each tin. One dipperful produces 7,000 cubic feet of deadly Nicotine fumes. Nine dipperfuls fumigate a 30 by 200 foot greenhouse for only 75 cents. 10-lb. tins, $8.50; 2½-lb. tins, $2.50; 1-lb. tins, $1.25.

KEROSENE EMULSION (Liquid). 60c per qt.; per gal. $2.00.

LEMON OIL INSECTICIDE. Per ½ pt. 30c; 60c per pt.; qt. $1; $1.75 per ½ gal.; gal. $3.00.

KAYSO. What it does: Spreads the Spray and makes it stay. The ordinary spray collects in spots, leaving unprotected spaces which permit infestation. Kayso gives a smooth, uniform coating on buds, twigs, branches, fruits and foliage, which will adhere long after the ordinary spray has disappeared. ½ lb. 30c; 2 lbs. 60c; 10 lbs. $2.50.

LIME-SULPHUR SOLUTION. Our solution retains its strength indefinitely and does not crystallize if kept from air and freezing; is easy to handle, and is always ready. For fall and spring spraying use 1 gallon concentrated lime-sulphur solution to 8 gallons of water. For summer spraying 1½ gals. to 50 gals. water, to which add 2 lbs. of dry powdered arsenate of lead or ½ lb. to 1 lb. paris green. Qt. 40c; gal. $1.00; 5 gals. $3.25; 10 gals. $5.00.

MELROSENE. The most effective remedy for killing full-grown rose bugs. Will not discolor flowers. Dilute 1 part to 20 parts of water. Trial size, 50c; 1 pt. $1.00; 1 qt. $1.75; ½ gal. $3.25; gal. $6.00.

NICO FUME. Paper. A nicotine preparation. Furnishes the easiest method of fumigation. Box of 24 sheets, $1.25; 144 sheets, $5.50; 288 sheets, $10.00.

NICO FUME. Liquid. An effective vaporizing liquid. ¼ lb. 75c; lb. $2.25; 4 lbs. $8.00; 8 lbs. $15.

DR. HESS DIP AND DISINFECTANT. Non-poisonous and non-irritating and guaranteed to be absolutely uniform in strength at all times. One gallon of Dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Spray it on cattle and horses. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease germ destroyer. Purifies stables, troughs, sinks, drains. Quart 60c; gallon $1.50.

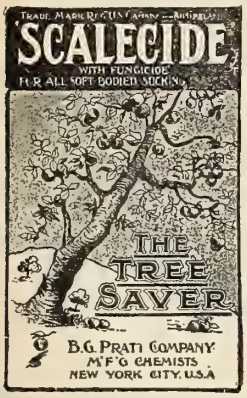
PRATTS POULTRY DISINFECTANT. Three times as powerful as crude carbolic acid. A sure deodorizer, germicide and liquid lice killer. Use it in Roup, Colds and other contagious diseases. ¼ gallon 60c; gallon $1.50.

Insecticides and Fungicides — Continued

PARIS GREEN, For Leaf-Eating Insects. It is a strong poison and should be used with care. Mix one pound of paris green to 50 pounds of plaster, or with water to 150 gallons. On vines and tender vegetables use a larger proportion of plaster and water. ¼ lb. 20c; ½ lb. 30c; lb. 45c.

PYROX (Bowker's). The one best and safest all-around spray which kills all leaf-eating insects and prevents blights and all fungous troubles without injury. Lb. 50c; 5 lbs. $1.75; 10 lbs. $3.00; 25 lbs. $6.25; 50 lbs. $11.25; 100 lbs. $18.00.

SODIUM FLOURIDE INSECTICIDE POISON Kills cock roaches, water bugs, ants, croton bugs and lice on poultry. Small size, 35c; large size, 60c.



SCALECIDE—THE TREE SAVER. One gallon "Scalecide" will spray as many trees as 3½ gallons of Lime-Sulphur Solution. Dilute for all dormant spray work 1 part to 15 parts of water. Qt. 75c; gal. $1.75; 5 gals. $6.25; 10 gals. $10.60; 15 gal. drums, $13.50; 50 gals. bbl. $38.00.

SULPHATE OF COPPER. Per lb. 20c; $1.50 per 10 lbs.

SULPHUR CANDLES. 15c each; per doz. $1.50.

SULPHUR (Flowers) Per lb. 10c; 10 lbs. 75c; 50 lbs. $3.00.

PARA DICHLOROBENZENE, or CRYSTAL GAS. Controls peach borers, use in June and September, 1 oz. to each tree. Lb. 50c; 5 lbs. $2.00; 10 lbs. $3.50; 25 lbs. $7.50; 50 lbs. $14.00.

TOBACCO DUST. Lb. 10c; 100 lbs. $4.50.

TREE TANGLEFOOT. A paste preparation painted around the trunk of a tree to keep caterpillars, etc., from crawling into the tree. Lb. 50c; 5 lbs. $2.25; 10 lbs. $4.25; 20 lbs. $8.00.

TANGLEFOOT ROACH & ANT POWDER is odorless, non-irritating and is more certain to rid premises of roaches and ants than any irritating powder or liquid. 4-oz. can, 25c.

DRYTOMIC. Same as Atomic Sulphur, but in powder form. 4 lbs. 60c; 8 lbs. $1.10; 200-lb. barrel, $26.50.

SULFOCIDE, A Better Summer Spray. A concentrated liquid sulphur fungicide. Used on both peaches and apples and on all kinds of fruits, vegetables, and flowers. Controls: apple scab, brown rot of peaches, plums and cherries; blight and rot of potatoes, tomatoes, and melons; mildew and rust of flowers and shrubs. Convenient, economical, effective. Dilute 1 to 200. Pt. 70c; qt. $1.00; gal. $2.75; 5 gals. $8.75; 10 gals. $15; 30 gals. $39; 50 gals. $60.

WEED KILLER is especially adapted for destroying weeds in walks, dirt tennis courts, golf links, etc. One application will kill roots and foliage in 48 hours and no more weeds will grow until more seed is sown. Quart can, 60c; gal. can, $1.50.

ATLAS NON-POISONOUS WEED KILLER

PATENTED

Will exterminate all undesirable vegetation—including poison ivy—as easily as watering a garden, without endangering human or animal life. One gallon is ample to clear 500 square feet of densely vegetated area. Qt. 75c; gal. $2; 5 gals. $8.

DR. HESS DIP AND DISINFECTANT. Non-poisonous and non-irritating and guaranteed to be absolutely uniform in strength at all times. One gallon of Dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Spray it on cattle and horses. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease germ destroyer. Purifies stables, troughs, sinks, drains. Guaranteed. Qt. 60c; gal. $1.50.

ZENOLEUM, DISINFECTANT DIP. Pt. 50c; qt. 75c; ½ gal. $1.25; gal. $2.00.

TOBACCO SOAP. 3-oz. cake makes 1½ gallons prepared solution, price 10c; 8-oz. cake makes 4 gallons prepared solution, 20c.

CUT WORM KILLER, For Use as Poisonous Bait Against Cut Worms and Slugs, by placing around plants subject to attack. It has an enticing odor that worms prefer to vegetation. NOTE—One pound is sufficient for 100 plants in hills or 75 in rows. 1-lb. pkg. 30c.

GENUINE FELIX GIRARD RAT AND MOUSE EMBALMER is packed in three sizes—

16 ounces, $3.00, covers 3,000 sq. ft. floor space;
5 ounces, $1.00, covers 800 sq. ft. floor space;
2 ounces, $ .50, covers 300 sq. ft. floor space.

B-K Bacili-Kil Trade-Mark

WHAT B-K DOES FOR THE FARMER AND WHY

It destroys at once on contact the germs of disease and loss in live stock and poultry and the bacteria that contaminate and spoil milk and other dairy products.

It helps prevent diseases of live stock and poultry, thus adding profits.

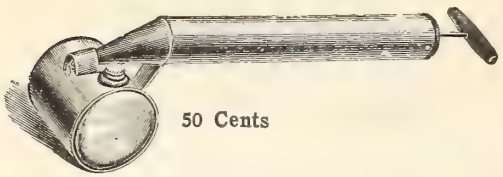
It helps to produce highly pure milk and cream and more of it—makes the pay check bigger.

It is clean—Can be used anywhere. Leaves things clean, purified, odorless. Leaves no odor of itself to contaminate.

Price—1 gallon jug, $3.00; 5 gallon jug, $12.50.

Sprayers for Applying Insecticides

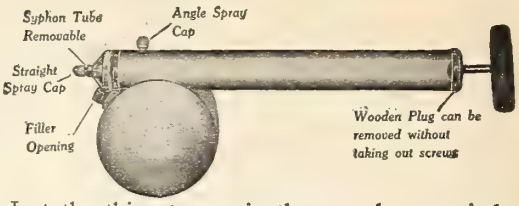
HARVEST HOME SPRAYERS



50 Cents

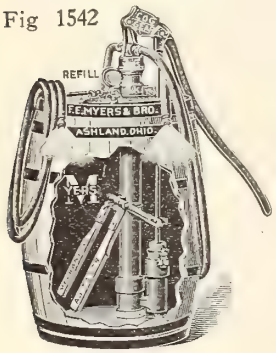
These Sprayers throw a very fine spray of any liquids usually used for destroying insects, bugs, etc., and for keeping cattle free from flies during the summer weather.

AUTO COMPRESSED-AIR SPRAYER


Syphon Tube Removable
Angle Spray Cap
Straight Spray Cap
Filler Opening
Wooden Plug can be removed without taking out screws

Just the thing to use in the greenhouse, window garden, for rosebushes and in the poultry-house.
37b—Galvanized Tank, Brass Tube. Price.....$1.00
26c—Brass Tank. Price.....$1.25

Fig 1542



THE MYERS COATING OR PAINTING MACHINE AND SPRAY PUMP

Price List, Represented by Figs. 1540, 1541 and 1542.

No. R308—Myers O. K. Spray Pump, as shown in Fig. 1540. Price, each (Power) $21.50

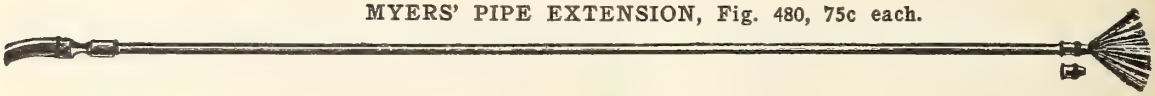
No. R308B—Outfit same as above, with one lead of 15 ft. of 7-ply ⅜ in. discharge hose and 1 Fembro (Fig. 1290) nozzle. Price, each (Pox) $28.00

No. R308C—Same outfit with two leads of 15 ft. 7-ply ⅜ inch hose and two Fembro (Fig. 1290) nozzles. Price, each (Prad).....$35.00

7-ply Superior Hose, our brand. Price, per foot.....$ .20

Barrel not included in above prices.

MYERS' PIPE EXTENSION, Fig. 480, 75c each.



MYERS COG GEAR BUCKET SPRAY PUMP

Fig. 1726

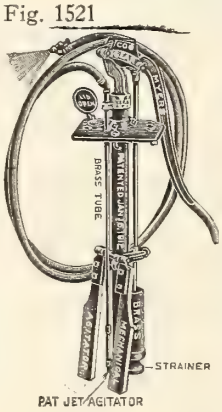
Fig. 1726, No. R 324, illustrates the Myers Spray Pump Changing-Gear Handle. This Pump has 1½-in. diameter brass cylinder with solid plunger, brass ball valve and brass air chamber discharge tube. The foot rest, head and cog-gear handle are malleable iron. The large cylinder, in combination with the cog-gear handle, makes this an exceptionally easy-working pump of more than ordinary capacity. Has patented jet agitator, which keeps liquid thoroughly mixed.

Price, with 3 ft. Rubber Hose.....$6.50
Price, with 8 ft. Extension Pipes.. 7.25
Bordeaux Nozzle 1.00
Vermorel Nozzle ..... .80
Extension Pipe ..... .75

MYERS COG GEAR BARREL SPRAY PUMP

With Malleable Iron Base

Fig. 1521



Cylinders, Valves, Valve-Seats and Discharge, All Brass.

All Working Parts Submerged in Liquid, Hence No. Priming Necessary—Has Both Jet and Mechanical Agitator.

Fig. 1521, No. 318B, represents Myers Cog-Gear Barrel Spray Pump, with both jet and mechanical agitators, complete with 15 feet of ½-inch 5-ply discharge hose and Myers graduating Vermorel nozzle.

Price, $16.00.

AUTO SPRAY No. 5

General Purpose Bucket Spray Pump

This Pump is the ideal all-purpose hand sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes and field crops. It also can be used for handling whitewash, disinfectants, etc.

It is made entirely of brass, doing away with all danger of corrosion. All the parts are made on screw machine and for that reason are interchangeable.

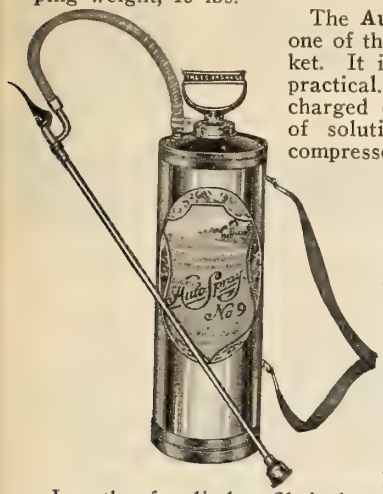
The Pump is double-acting. This feature makes the spray continuous. Any one who has used a single-acting pump of this kind will immediately recognize the advantage in a pump that works on both the up and down stroke. We furnish with this pump 2½ feet ½-inch suction hose, with heavy strainer, on an extension. Price, $4.50.

Sprayers for Applying Insecticides

BROWN'S AUTO-SPRAY No. 9

A Self-Operating or Automatic Sprayer.

Weight: Empty—7 lbs. Loaded—39 lbs. Shipping weight, 15 lbs.



The **Auto-Spray No. 9** is one of the best on the market. It is very strong and practical. When properly charged contains 3 gallons of solution and 1 gallon compressed air. Ten to 12 strokes of the plunger will compress the air and two pumpings will empty entire contents

All parts which come in contact with solution are made of brass, and the handle and other parts are made of malleable iron.

Length of cylinder, 21 inches; diameter of cylinder, 7 inches; capacity, about 4 gallons; weight, empty, 7 pounds.

Auto-Spray No. 9D — Galvanized Reservoir, Auto-Pop. Our special price.....$6.50

Auto-Spray No. 9B — Brass Reservoir, Auto-Pop. Our special price.....$9.00

No. 6—Brown's Bucket Spray.....$4.50

EXTRAS

Auto-Pop $1.50

Auto-Pop Nozzles, with Hose and Fittings.....$2.00

Extension Pipe, Brass, 2-foot length.....$ .50

Brass Elbow Extension .....$ .35

Brass Strainer for straining solutions used in Auto Spray $1.20

THE MYERS WHITEWASH, COLD WATER PAINTING MACHINE AND GENERAL PURPOSE SPRAYER

With patent Double Agitator—a most complete and serviceable outfit. The tank is made of heavy galvanized iron with a wide bottom so as to set steady in operation. The cover is removable, is held securely in place by two thumb nuts, one on each side, which holds the cover tight and prevents spilling or splashing of the liquid. Holds 7 gals.

The pump is our No. R324 Cog Gear Bucket Spray Pump, as shown under Fig. 1736, fitted with Bordeaux nozzle, brass ball valves, and has both jet and dasher agitator. Cog Gear increases the leverage 33⅓%.

The Pump Has 1½ Inch Cylinder.

No. R329—Myers Whitewash, Cold Water Painting Machine and General Purpose Sprayer, complete as illustrated in Fig. 1736.

Price $13.00

BROWN'S AUTO-SPRAY No. 50

Lighter Weight, Smaller Capacity

No. 50

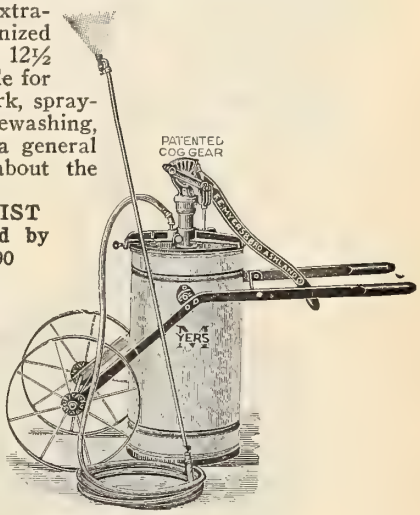
This sturdy little machine is almost identical to Auto-Spray No. 9 in construction and manipulation, but has half the capacity, holding about two and one-half gallons. It is entirely suitable for spraying on a smaller scale. It is particularly recommended for use where weight is a factor, as when the womenfolk or youngsters help out with the spraying.

Auto-Spray No. 50D—Galv. Tank with Auto-Pop, and 2-ft. extension pipe, $5.50.

THE MYERS PORTABLE SPRAYER

With Cog-Gear Spray Pump, Dasher and Jet Agitator.

Made of extra-heavy galvanized iron; capacity 12½ gallons; suitable for greenhouse work, spraying trees, whitewashing, painting, etc.—a general utility pump about the home.

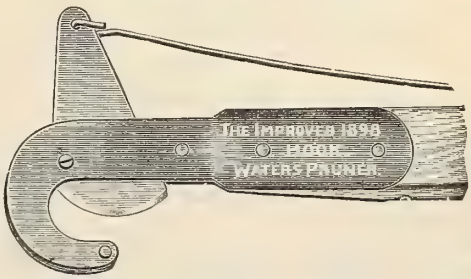


PRICE LIST
Represented by Fig. 1690

No. R 337B, Myers Portable Sprayer, complete as shown in illustration, with Dasher and Jet Agitator, 15 ft. Hose, 8 ft. Extension and Vermorel Nozzle.

Price, $26.00.

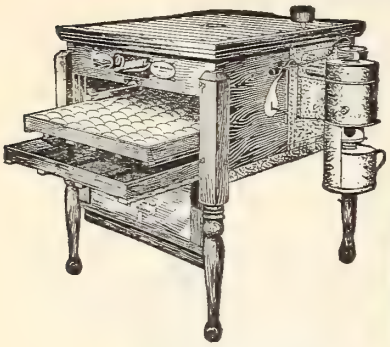
WATERS' TREE PRUNER



Waters' Tree Pruner is the only pruning implement which requires no skill in sharpening. It is least liable to get out of order.

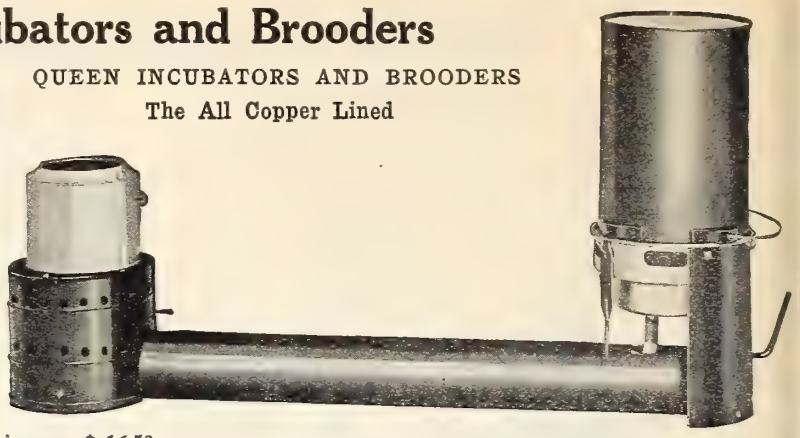
6 ft. long.....$1.80 12 ft. long.....$2.40
8 ft. long..... 2.00 Extra Knives ..... .25

Incubators and Brooders



QUEEN INCUBATORS AND BROODERS

The All Copper Lined



Style K Incubators

No. 20—Capacity	70 eggs.	Retail price	$ 16.50
No. 21—Capacity	130 eggs.	Retail price	27.50
No. 22—Capacity	220 eggs.	Retail price	36.75

Queen Incubators

No. 1—Capacity	85 eggs.	Retail price	$ 27.50
No. 2—Capacity	135 eggs.	Retail price	37.50
No. 3—Capacity	180 eggs.	Retail price	44.50
No. 4—Capacity	275 eggs.	Retail price	57.75
No. 5—Capacity	400 eggs.	Retail price	68.00
No. 25—Capacity	600 eggs.	Retail price	103.00
No. 35—Capacity	800 eggs.	Retail price	132.00
No. 45—Capacity	1000 eggs.	Retail price	157.00

SELF-REGULATING COLONY BROODER STOVE

Even Heat All the Time—Day or Night Winter or Summer

THE QUEEN OIL-BURNING BROODER

The Complete Burner and Canopy

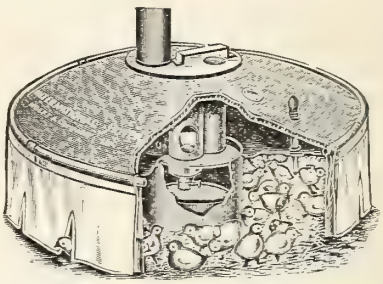
Heavy galvanized iron canopy, ventilated through home on top.

No. 32—Oil-Burning Hover, 300 chick size	$17.50
No. 42—500 chick size	20.00
No. 52—1000 chick size	22.50

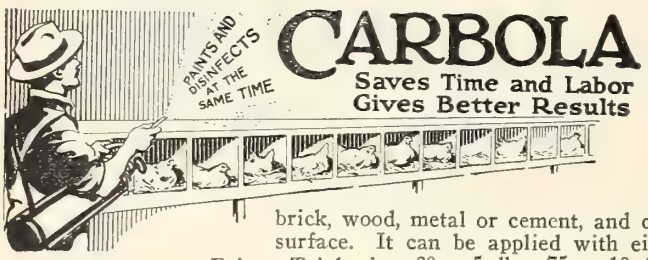
QUEEN COLONY BROODER STOVE

	No. 1 600-Chick	No. 2 1200-Chick
Height to top of stove	23 ins.	26 ins.
Diameter of cylinder	10 ins.	11 ins.
Diameter of hover	42 ins.	52 ins.
Diameter of grate	9 ins.	10¾ ins.
Height of hover from floor	8½ ins.	11 ins.
Shipping weight	77 pounds	104 pounds
No. 1— 600 Chick Size		$21.50
No. 2—1200 Chick Size		$26.50

INTERNATIONAL SANITARY HOVER



MAN'S BEST WAY. The air is kept wholesome by diffusion through the cloth curtain. There are no drafts under the hover. It hovers 100 chicks and has enough ventilation for 2400. Price, $13.50.



CARBOLA

Saves Time and Labor Gives Better Results

—The DISINFECTANT That PAINTS

Carbola is infinitely superior to lime, which loses what slight disinfecting qualities it ever had by slacking when exposed to the air. Very much better than kalsomine or whitewash because it paints just as clean and bright a white, but will not chip, scale or peel off—no matter how many coats are applied. It may be used on either stone, brick, wood, metal or cement, and can be put on over a whitewashed or painted surface. It can be applied with either sprayer or brush.

Price: Trial pkg. 30c; 5 lbs. 75c; 10 lbs. $1.25; 50 lbs. $5.00.

Poultry Supplies

THE PUTNAM BROODER

This is used to heat a home-made brooder, which will take the best of care of from 30 to 60 chicks. Instructions for making brooder packed with every heater. A boy can make the brooder in an hour with saw and hammer. The materials need not cost over 25c. **The Putnam Brooder Heater** holds one quart of oil and will **burn 10 days without filling** or trimming; needs no other attention.

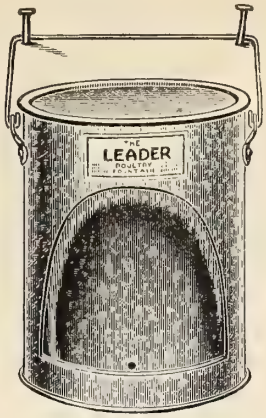
PUTNAM HEATER—Our Special Price, $1.95
Keeps water from freezing in cold weather.

CORN SHELLER

Original in every feature, never breaks or fails to do good work. Shells fast. Shells easily. Price, $3.00.

STAR FOUNTAINS

10c each.



CAPONIZING SETS

$3.50 to $10.00

LEADER FOUNTAIN

A new Sanitary Fountain, practical to use, easy to keep clean.

A saving of from 30 to 40 per cent over any fountain of its size.

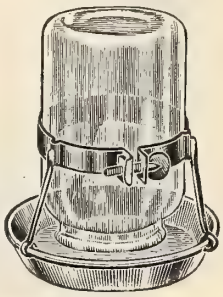
Price 85c

PHILADELPHIA POULTRY MARKER

Well made, with steel spring and cutter, nickel plated. Price, 30c.

HANDY—A PERFECT FEEDER FOR

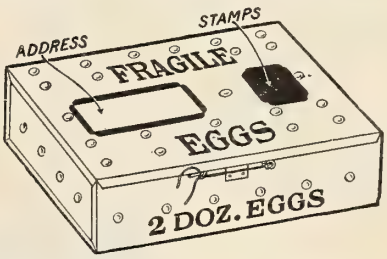
Sour Milk
Buttermilk
Medicine
Water
Grain
Grit

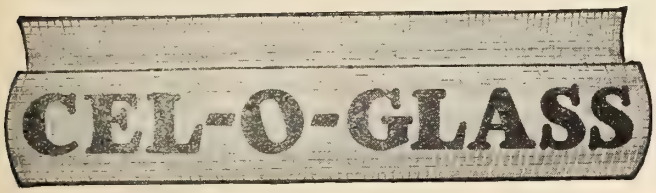


The container is aluminum, the only metal in which Sour Milk or medicine can be fed with safety. The Handy is adjustable, simple to operate and durable; rust-proof and non-corroding. Every one has some kind of a quart fruit jar. The Handy fits them all.

Price, each 25c

PARCEL POST EGG BOXES





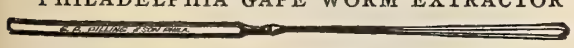
CEL-O-GLASS

Cel-O-Glass is a new, unbreakable glass. It is the most economical and practical glazing material on the market. It replaces ordinary, fragile, costly glass for nearly every purpose.

Cel-O-Glass is made of coarse mesh galvanized wire cloth treated in such a manner that the spaces between the strands are filled with a clear, translucent, tough, flexible substance that will not rub off, peel or become brittle.

Cel-O-Glass sheds rain, hail and sleet like the proverbial duck's back. It is unaffected by extreme cold, and will stand over 400 degrees Fahrenheit. **Cel-O-Glass** cannot rust. 3ft. wide. Per running foot 50c

PHILADELPHIA GAPE WORM EXTRACTOR



Postpaid, 35c each.

NEW MODEL EGG BOXES

2-dozen Size Egg Box	$1.50
3-dozen Size Egg Box	1.75
4-dozen Size Egg Box	2.00
6-dozen Size Egg Box	2.50

COMBINATION CRATES
With Metal Containers

No. 1— 2 lbs. and 1 doz. eggs	$1.50
No. 2— 4 lbs. and 2 doz. eggs	2.00
No. 3— 4 lbs. and 3 doz. eggs	2.25

We carry a large stock Celluloid Leg Bands in all colors. Price, 60c per 100. One dozen, 12c; 30c for 50 bands.

DRINKING FOUNTAINS AND FEEDERS

Star Drinking Fountains	$ .10
No. 11—Round Chick Feeder (8-hole size)	.15
No. 12—Round Chick Feeder (12-hole size)	.25
No. 58—Double Feeding Trough (12 ins. long)	.45
No. 61—Double Feeding Trough (24-in. size)	.70

Poultry Supplies

PRATT'S POULTRY REGULATOR

25c—50c

12 lbs. $1.40
25-lb. bucket 3.00
100-lb. drum 10.00

PRATT'S DIP AND DISINFECTANT

Quart ..... $ .50
Gallon 1.50

PRATT'S LICE KILLER

(Powdered Form)

Package 25c, 50c

PRATT'S ROUP REMEDIES

(Tablets or Powder)

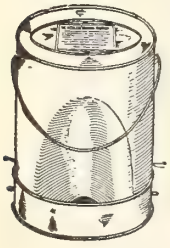
Powder 25c, 50c, $1.00
Roup Tablets 25c, 50c, $1.00

DON. SUNG (Chinese)

Laying Tablets for Winter Eggs

Package 50c, $1.00

THE PEERLESS DRINKING FOUNTAIN



is right. The water is always pure. It is protected from dirt and filth. Easy to clean and fill, and fowl cannot injure their combs when drinking. Simple in construction.

5-Qt. Peerless Fountains ..... $ .85
Peerless Brooder Fountains .. .35

DRY MASH HOPPER

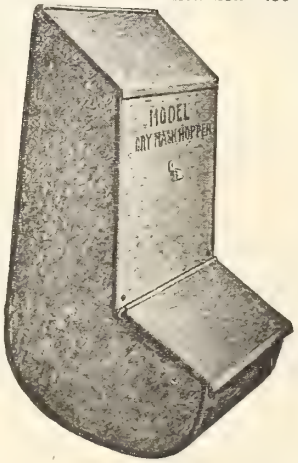
The Most Sanitary Anti-Clog Dry-Food Hopper Manufactured

PRICES:

12 in. 12 qt. $1.90
24 in. 24 qt. 2.75

PARCEL POST WEIGHT:

12 qt. ..... 6 lbs.
24 qt. ..... 10 lbs.



Hopper Closed

DR. HESS POULTRY PAN-A-CEA

makes poultry healthy; makes hens lay; not a stimulant, but a tonic, that tones up the dormant egg organs, brings back the scratch and cackle, and compels each hen to put her share of eggs in the market basket.

It also contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. Cost but a trifle—a penny's worth enough for 30 hens per day. 1½ lbs. 25c; 5 lbs. 75c; 12 lbs. $1.50; 25-lb. pail, $3.00. GUARANTEED.

CONKEY'S BUTTERMILK STARTING FOOD FOR BABY CHICKS

Small packages, 25c and 50c.

25-lb. bags and 100-lb. bags; also Growing Mash put up in 100-lb. bags. Prices on application.

PENNOID RUBBER ROOFING

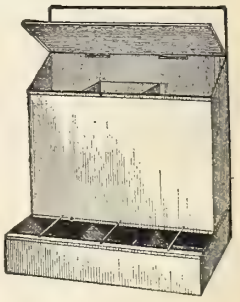
For Your Poultry House

Medium, 108 sq. ft., per roll $2.50
Heavy, 108 sq. ft., per roll 2.85

STORMTITE ROOFING

Medium, 108 sq. ft., per roll $2.00
Sheathing Paper, per roll 1.00
Kure-A-Leke Roof Paint, per gal 1.25

1-2-3 POULTRY FEEDER



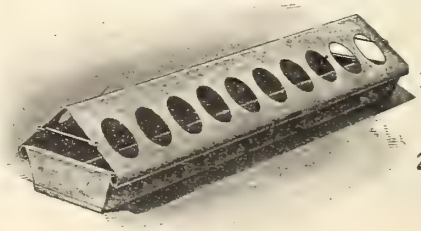
For dry mash, scraps, shells, grit, charcoal or any poultry feed. When used for one kind of feed only, take out separator; for two kinds put separator in one end; when used for three kinds — say, scraps, shells and grit—put separator in middle, and you have three separate feeders.

1-2-3 Grit and Shell Hoppers, 75c.

1-2-3 Poultry Feeder, $1.35.

FELKERS JR. CHICK FEEDER

The Most Successful Chick Feeder



Prices:

12-in. size, 25c.

20-in. size, 40c.

Dairy Supplies, Spratt's Dog Food, Hand Carts

The LOUDEN STANCHION Gives the Cow Pasture Comfort in the Barn.

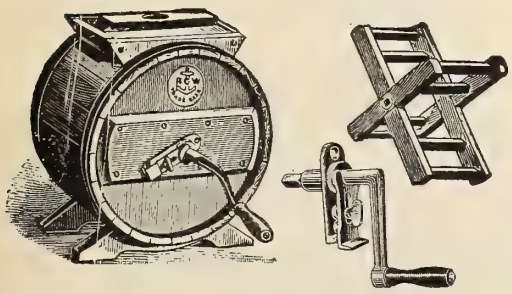
Every dairyman realizes that if he is to get the greatest milk yield from his cows they must be comfortable at all times—as much so in the barn as in the pasture. Hence, there is nothing of greater importance in Dairy Barn Equipment than the Stanchion by which the cow is held.

Fig. 1445—Steel Stanchions, each, $4.50
Fig. 1458—Wood Lined Stanchions, each $4.50

DAZEY GLASS CHURN

No. 20—2 quart.....$2.25 No. 30—3 quart.....$2.50
No. 40—4 quart.....$2.75
Can furnish extra Jars.

CEDAR CYLINDER CHURNS



Double Dasher—Thumb Screw Lock

We now use a double dasher, and the crank is locked to the churn with a clamp and thumb screw which prevents leakage—lock cannot break. The top is large, and dasher easily removed. The best churn in use. Prices:

No. 1, 3 gallons, each.....$3.75
No. 2, 4 gallons, each..... 4.50
No. 3, 7 gallons, each..... 5.25
No. 4, 10 gallons, each..... 6.00

MILK BUCKETS

No. 5262—12-qt. Milk Bucket with Strainer, each.....$1.40

COMPRESSED PURE SALT BRICKS

Each.....25c Case, 1 dozen.....$2.50

KEYSTONE DEHORNING CLIPPER

The practice of dehorning cattle is coming more into vogue. It is a mercy to the animals. Prevents goring. The blades on the Keystone are made of best steel. No twisting motion or second cut on horn. Parts are all interchangeable, and can be replaced. It is approved by veterinary surgeons and leading dairymen. The horns must go, and they cannot go too soon.
Price $14.00

BAG BALM

For Bunches, Caked Bag, Cuts, Sore Teats, Chapping and Inflammation.
Price, per can..... $ .60

KOW KARE

The great Cow medicine, especially given to fresh cows.
Price, per can..... $ .65

RICE'S CALF WEANERS

Also prevents cows from sucking themselves.
No. 1, for Salves, 50c
No. 2, for Heifers, 75c
No. 3, for Cows, $1.00

SHAW'S CALF WEANERS

Price, each 60c

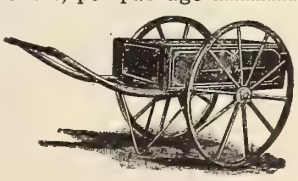
DR. HESS IMPROVED STOCK TONIC. Every ingredient endorsed by the U. S. Dispensatory and other high medical authorities. It aids digestion, makes stock healthy, and expels worms. Helps stock convert more ration into milk, flesh, blood and muscle. Every pound backed by the Dr. Hess & Clark unqualified guarantee. Prices: Pkgs. 25c and 50c; 25-lb. pail, $3.00.

SPRATT'S

The Standard in Dog Food

All dogs love Spratt's Foods. Steady feeding on SPRATT'S makes healthy, vigorous dogs. For more than a half century, Spratt's Dog Cakes and Puppy Biscuits have been the choice of owners, breeders and exhibitors the world over. Your dogs want Spratt's. Feed it to them. They deserve the best.

Dog Cakes, per package.....$ .35
Puppy Cakes, per package..... .40
Ovals, per package ..... .40



MALTA HAND CARTS

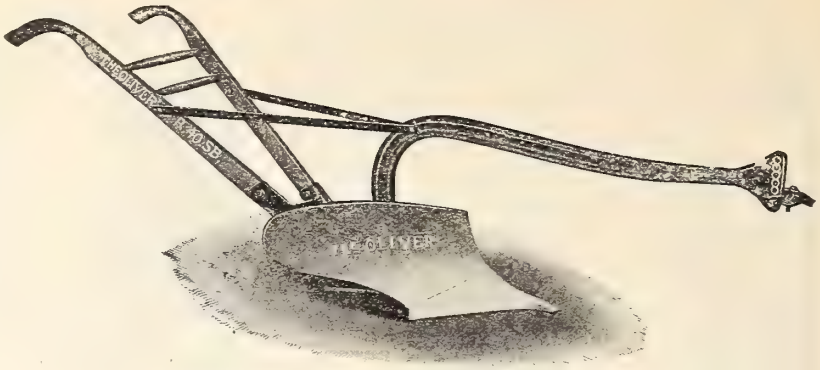
Without springs.....$14.00
With springs..... 16.00

Plows, Harrows and Rollers

STEEL BEAM PLOW

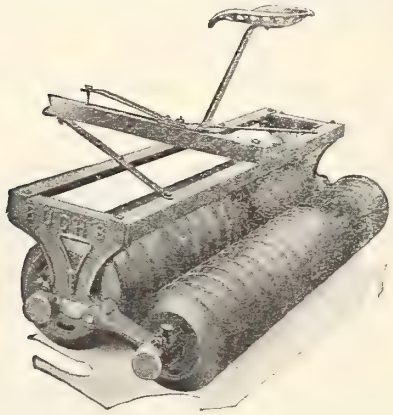
No. AC-2	$10.50
No. 10	16.00
No. 13	18.00
No. 19	19.50
No. 20	21.00
No. 40	24.00
Jointers, complete	4.95

No.	Share.	Land-side.	Mould-board.
13	70c	$1.25	$4.00
19	80c	1.40	4.75
20	90c	1.45	5.00
40	95c	1.50	5.50
Wheels			2.20



AGENTS FOR GENUINE OLIVER CHILLED PLOWS AND HARROWS

BUCH'S SOIL PULVERIZER

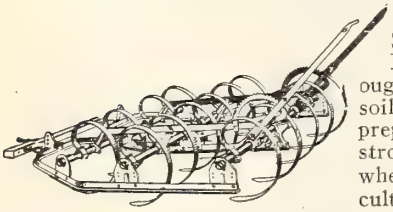


Solid one-piece discs 4 inch face, 15 inch front, 12 inch rear. Pulverizer so constructed that discs must alternate and impossible to get out of alignment. End discs closed to keep out stones and dirt.

No. 626—Length, 7 ft.; rolling capacity, 74 inch; Diam. front disc, 15 inch; diam. rear disc, 12 inch; number sections, 37; weight pounds, 900.
Price $72.50

No. 627—Length, 8 ft.; rolling capacity, 84 inch; diam. front disc, 15 inch; diam. rear disc, 12 inch; number sections, 43; weight pounds, 1,000.
Price $80.00

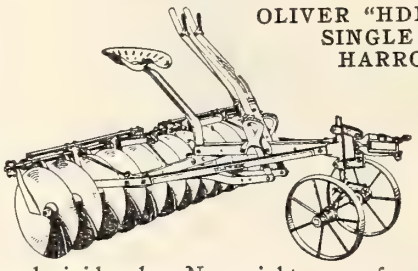
OLIVER SPRING-TOOTH HARROW



The Oliver Spring - Tooth Harrow thoroughly stirs the soil in seed bed preparation, destroys the weeds when used for cultivating purposes and provides a rapid and effective means of summer fallowing. It has good clearance and the teeth are arranged so that trailing of the teeth is impossible. It is strong and durable to stand work in rough land or in other conditions where harrowing is difficult.

P. B. 2-Section, 15 Teeth	$25.50
P. B. 2-Section, 17 Teeth	27.50

OLIVER "HDH" SERIES SINGLE DISC HARROWS



Complete with blued protected round discs, hard oil cups, rigid scrapers, evener, seat and rigid pole. No weight pans, fore-carriage or neckyoke.

"DH" 8x16 Disc Harrow, with Pole	$42.00
"DH" 8x16 Disc Harrow, Fore-Truck	48.25

STEEL LAND ROLLER

3-Sections, 8 foot	$40.00

BROWN GARDENERS' HARROW

Made in one section. Contains 30 and 24 teeth. It has no equal as a tool for market gardeners. Designed to be used for one horse, and is easily handled in small garden plots. The Harrow is strong and durable and is furnished with runners for transportation.

25-Tooth Harrow, cuts 3 ft. 8 ins. wide	$10.00
32-Tooth Harrow, cuts 4 ft. 6 ins. wide	11.50
40-Tooth Harrow, Double Hinge	17.00

OLIVER SPIKE TOOTH HARROWS

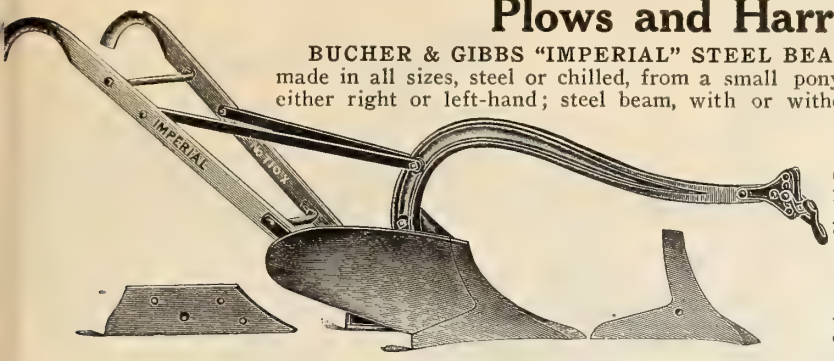
"UBC" Series—Closed End—U-Bar Lever Harrow with 9-16 inch Teeth—5 Bar

1-Section, 25 Teeth	$10.25
2-Section, 50 Teeth	19.50
2-Section, 60 Teeth	21.50

ALL-STEEL HARROW

A spike-tooth Harrow with lever up. A smoothing harrow with lever down. Made entirely of steel.

Plows and Harrows

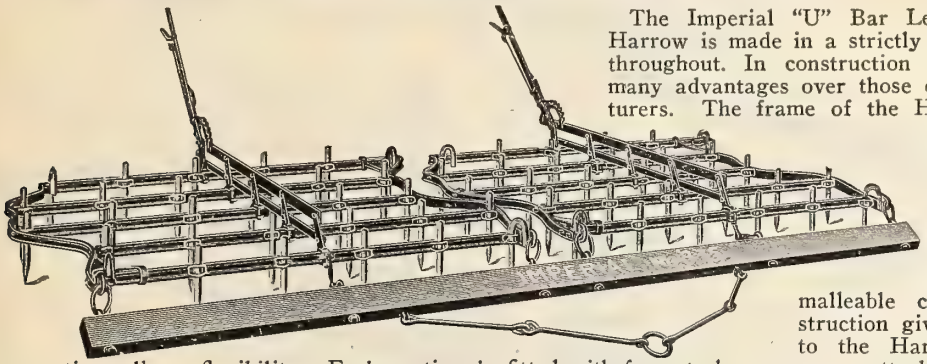


BUCHER & GIBBS "IMPERIAL" STEEL BEAM PLOWS—Imperial Plows are made in all sizes, steel or chilled, from a small pony to a large three-horse plow, either right or left-hand; steel beam, with or without wheel and jointer.

No.	Plow.	Share.	Land-slide.	Mould-board.
5	$11.00	$ .45	$ .75	$2.10
10½	19.50	.80	1.40	4.75
12	24.00	.90	1.45	5.50
700X	21.00	.85	1.40	5.00

No.	Plow.	Share.	Land-slide.	Mould-board.
512X $24.00		$ .90	$1.45	$5.50
300X	24.00	.90	1.45	5.50
600X	24.00	.90	1.45	5.50

THE IMPERIAL "U" BAR LEVER HARROW



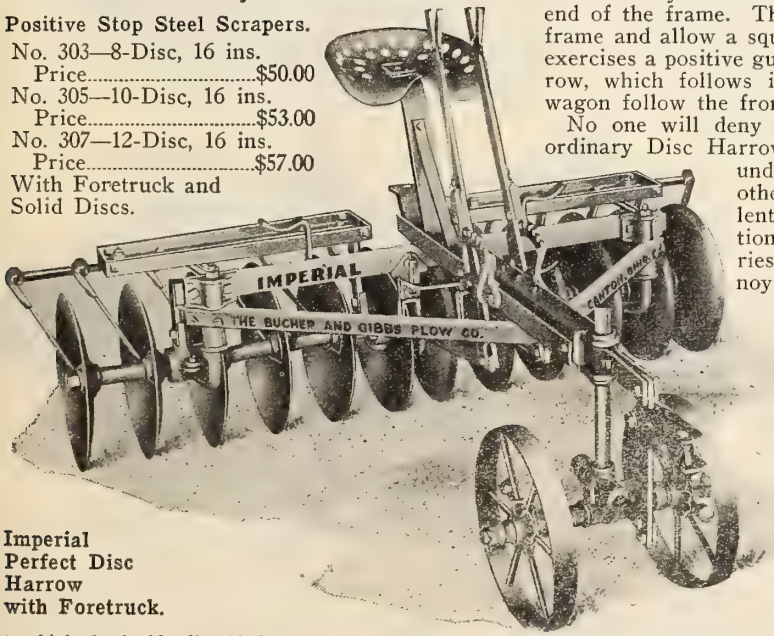
The Imperial "U" Bar Lever Spike-Tooth Harrow is made in a strictly first-class manner throughout. In construction this Harrow has many advantages over those of other manufacturers. The frame of the Harrow is channel steel, good weight and strength. The "U" Bars pass through the main frame of the Harrow, and are held in position by a malleable clamp. The construction gives great strength to the Harrow and at the same time allows flexibility. Each section is fitted with four steel runners, one attached to each corner, for transportation. These runners, when the Harrow is at work, are on top of the frame and do not obstruct. By throwing the lever forward the runners are thrown down in a position which carries the entire Harrow off the ground.

No. 280—1-Section, 25 9/16 inch Teeth, weight 100 lbs. Price $10.25
No. 281—2-Section, 50 9/16 inch Teeth, weight 200 lbs. Price 19.50
No. 285—2-Section, 60 9/16 inch Teeth, weight 220 lbs. Price 21.50

THE IMPERIAL PERFECT DISC HARROW

Anti-Friction Bumpers. Interlocking Hubs. Flexible Foretruck. Adjustable Pressure Bars. Positive Stop Steel Scrapers.

No. 303—8-Disc, 16 ins. Price.....$50.00
No. 305—10-Disc, 16 ins. Price.....$53.00
No. 307—12-Disc, 16 ins. Price.....$57.00
With Foretruck and Solid Discs.



Imperial Perfect Disc Harrow with Foretruck.

Instead of being guided by a tongue, the Harrow is controlled by a two-wheeled truck attached to the front end of the frame. The Wheels are pivoted under the frame and allow a square turn to be made. The truck exercises a positive guidance and control over the Harrow, which follows it just as the rear wheels of a wagon follow the front wheels.

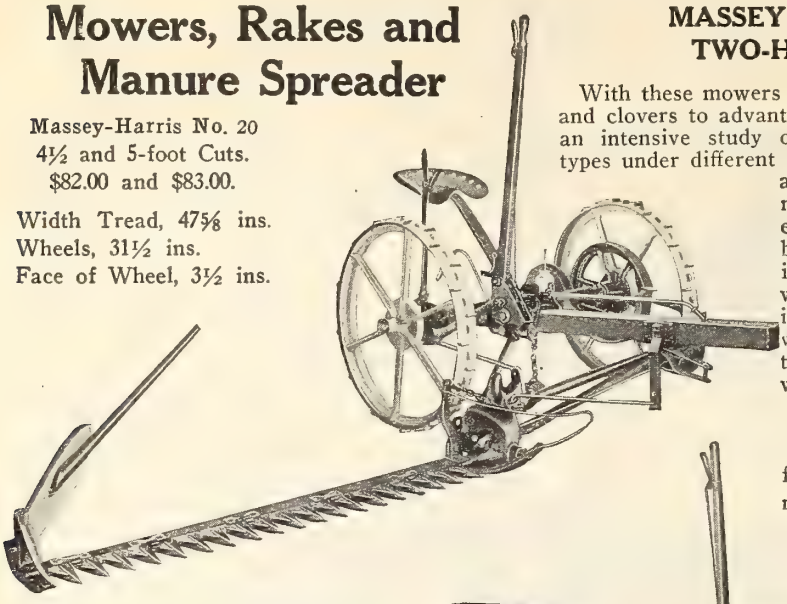
No one will deny that the tongue as used on the ordinary Disc Harrow is more troublesome and less under control than the tongue on other implements. It is jerked violently from side to side by the motion of the Harrow, frets and worries the team, and is especially annoying in turning corners. The Foretruck does away with all this. The team is easily managed and works quietly and evenly without being subjected to the pounding of the tongue and neck yoke. There is no neck weight and no side draft. The Harrow simply follows the truck.

The position of the frame on the Foretruck is adjustable. This is important because to secure a uniform depth of cut the frame should be level with the surface to the ground. If the front end of the frame is too high the inside disc blades will cut too deep; if too low, the outside discs will cut too deep. When the frame is level all the blades cut alike, and uniform cultivation is secured. The Hitch also is adjustable, and may be made considerably lower than on a tongue Harrow, the lowest hitch hole being only 14 inches from the ground. The line of draft is consequently lower and the pull of the team therefore more effective. These adjustments of frame and hitch enable the operator to get the best and most effective work out of his machine with the least exertion on the part of his team.

Mowers, Rakes and Manure Spreader

Massey-Harris No. 20
4½ and 5-foot Cuts.
$82.00 and $83.00.

Width Tread, 47⅝ ins.
Wheels, 31½ ins.
Face of Wheel, 3½ ins.



MASSEY-HARRIS No. 20 TWO-HORSE MOWER

With these mowers you can cut all kinds of grasses and clovers to advantage. They are the outgrowth of an intensive study of the performance of different types under different conditions and embody the latest and most approved principles in mower building. The same general design is followed in each, but the No. 20 is only of a medium size intended for farms on which the acreage of hay grown is of about the common average, while the No. 21 is a bigger, wider truck machine that is particularly well suited to heavier work.

Note that the draft is taken from beneath the pole and directly from the cutter bar.

MASSEY-HARRIS No. 11 ONE-HORSE MOWER

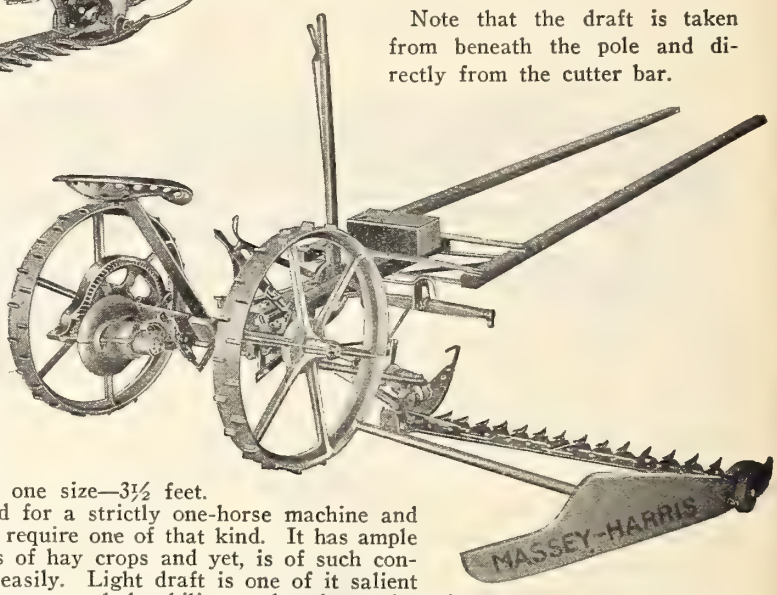
Just the Machine for Small Farms, Parks, Lawns and Golf Courses

Price, $80.00

Width of Tread, 39 inches.
Height of Wheel, 31 inches.
Face of Wheel, 4 inches.

Draws easily and is well suited to cutting both the short and long grasses.

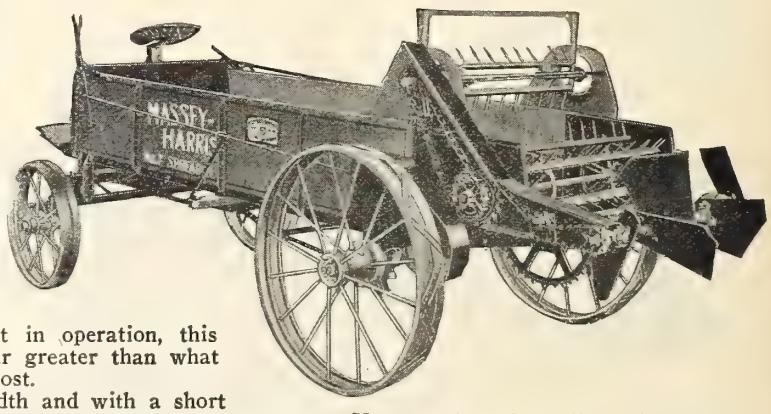
Built in the vertical lift style in one size—3½ feet.



This mower is especially designed for a strictly one-horse machine and well supplies the need of those who require one of that kind. It has ample weight and traction to cut all kinds of hay crops and yet, is of such construction that one horse handles it easily. Light draft is one of it salient features and in combination with power and durability, makes it good equipment.

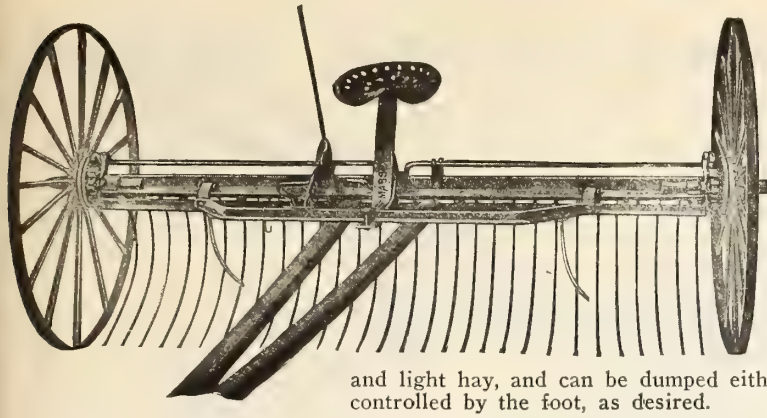
MASSEY-HARRIS No. 7 TWO-HORSE SPREADER

No. 7 Low Down Spreader	$167.00
Wheel Brake	6.00
3-Horse Hitch Attachment for No. 7	2.25



It is generally conceded that big profits will result from the use of any efficient Manure Spreader, but they are increased materially when the Massey-Harris No. 7 is employed. Light in weight and draft, but very strong and durable in construction, and particularly efficient in operation, this Spreader offers a value that is far greater than what would be commensurate with its cost.

Being low down, narrow in width and with a short wheel base, it meets the needs of the dairy farm in every respect. You can load it easily and you can take it right into your barns if you so desire.



MASSEY-HARRIS STEEL HAY RAKE

Built in 8 ft., 9 ft., 10½ ft. and 12 ft. sizes, each of which is supplied with a combination thills and pole.

8	foot	$43.00
9	foot	46.00
10½	foot	48.00
12	foot	50.00

Strength, convenience of operation and efficient work in the field are pronounced features of this rake. It is built almost entirely of steel, well adapted for both heavy and light hay, and can be dumped either by hand or by an automatic trip controlled by the foot, as desired.

Contractors' Plows and Scrapers

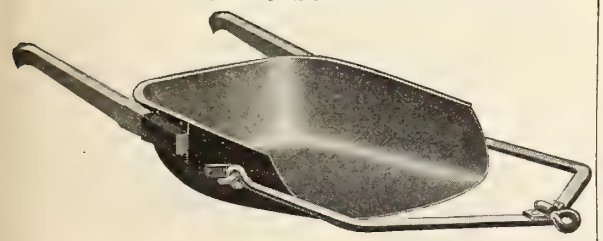
THE No. 24 IRON BEAM, RIGHT HAND CONTRACTORS' PLOW

Strong, heavy. Furnished with either cast or steel cutter shares; with draft iron running from clevis to beam. With wheel jointer or hanging coulter as desired. Right hand only.

Oliver's Latest Pattern, Road and Grading Plow, No. 24. IRON BEAM.

Price, Plain, $32.00; with Wheel, $34.75. These prices includes one extra share.

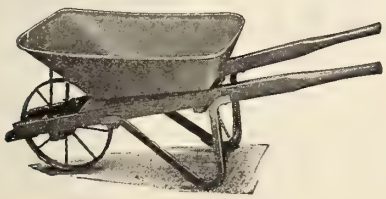
HASLUP ROUND BACK, SOLID PRESSED DRAG SCRAPER



Prices with Two Steel Runners

Size.	Capacity.	Weight.	Price.
No. 1L	7 cu. ft.	90 lbs.	$11.00
No. 2L	5 cu. ft.	80 lbs.	10.50
No. 3L	3½ cu. ft.	70 lbs.	10.00

RIVETED STEEL TRAY BARROW



Our No. 17B is built to meet the demand for a riveted tray.

The trays are made from a single sheet of annealed steel, pressed cold, lapped and riveted at the corners, thus giving extra strength where strength is most needed.

Handles of hardwood and have flat steel brace around front of wheel for strength and front dumping.

Steel wheel, 16-inch diameter; 1½ x 5/16 inch tire; eight ⅝ inch oval spokes.

Price, each $7.50

Special price in dozen lots.

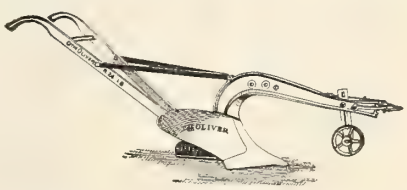
PICK AND MATTOCK HANDLES

First Quality Hickory Pick Handles. Retail	$ .50
1—Good Quality White and Red Hickory Pick Handles. Retail price	.45
2—Mixed White and Red Hickory Pick Handles. Retail price	.40

PICKS, MATTOCKS AND GRUB HOES

No. 1—6 to 7, 7 to 8 and 8 to 9 lbs., Best Quality Warranted Steel Railroad Picks	$1.25
No. 1—5-lb. Best Quality War. Steel Mattock	$1.00
Nos. 1 and 2—Warranted Steel Grub Hoes.	Each, $1.00

WIARD CONTRACTORS' PLOW, No. 65



One of the best two-four horse contractors plows. A great favorite.

Hard iron wearing parts. Extra heavy beam, share and strip, steel wheel standard. Turn furrow 5 to 9 inches deep, 12 to 15 inches wide. For general grading purposes. Two to four-horse. Weighs 185 lbs.

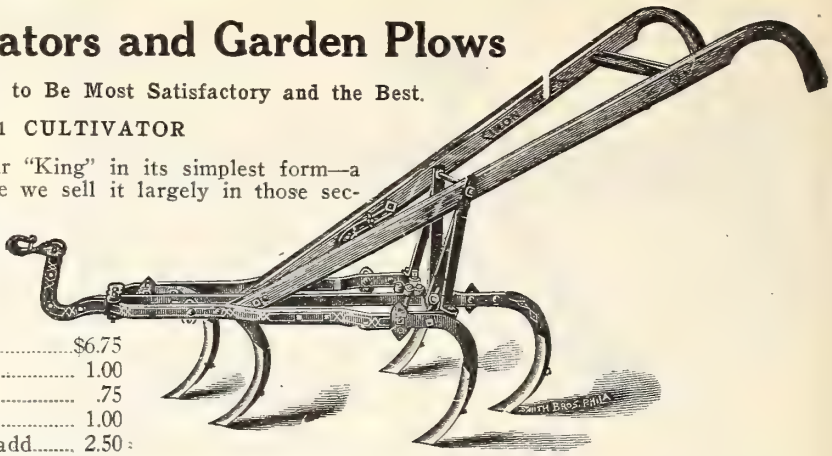
Price, with Wheel $32.00

Cultivators and Garden Plows

These Tools Are Well Known to Be Most Satisfactory and the Best.

No. 41 CULTIVATOR

In this cut we represent our "King" in its simplest form—a plain cultivator. In this shape we sell it largely in those sections of the country where labor is inefficient and a cheaper and simpler tool is desirable. It is an honest, strong and faithful servant.

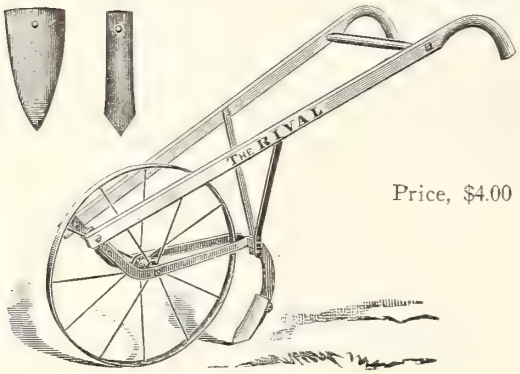


Price, as in cut	$6.75
With Plain Wheel, add	1.00
With Lever Expander, add	.75
With Lever Wheel, add	1.00
With Horse Hoe and Sweep, add	2.50

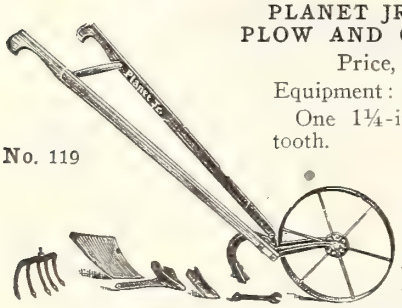
MALTA SHOVEL PLOWS

Single Shovel Plows	$4.50
Double Shovel Plows	5.25
Triple Shovel Plows	6.00

"RIVAL" GARDEN PLOW COMPLETE



Price, $4.00



PLANET JR. GARDEN PLOW AND CULTIVATOR

Price, $4.50.

Equipment:

One 1¼-inch cultivating tooth.

One 4-inch cultivating tooth.

One plow.

One reversible scuffle blade.

We can also furnish a special double moldboard plow which can be used on this machine. Weight 16½ lbs.; 24-inch Steel Wheel, 1½-inch rim.

No. 18 PLANET JR. SINGLE WHEEL HOE

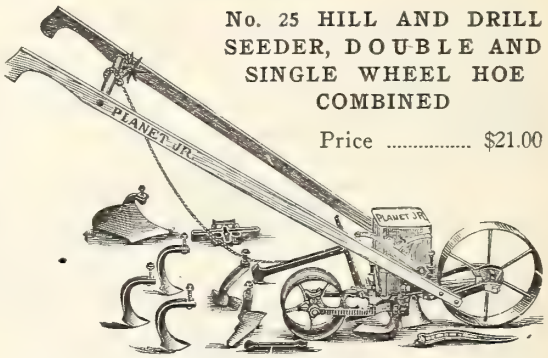
The simplest equipment we offer and the cheapest for the work it does. It hoes completely all the space between 12 and 14 inch rows. It can be so changed that it can be used to cultivate both sides of a row, while the plants are small.

No. 18 Planet Jr. Single Wheel Hoe $5.25

FIRE FLY GARDEN PLOW. Price $3.85

No. 25 HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE COMBINED

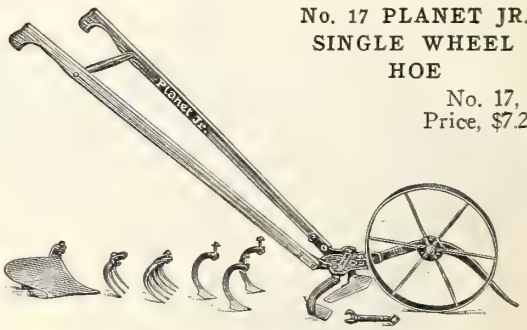
Price $21.00



Known by thousands of users as the "Complete Gardener." Sows all vegetable seed in the drill and drops in hills 2, 6, 8, 12 and 24 inches apart, at the right depth and thickness and economically. As a Double Wheel Hoe it straddles the row, cultivating both sides at one time until the plants are 20 inches high. When used as a Single Wheel Hoe it does very effective cultivating on one side of each row and in between rows. Cultivating attachments consist of 1 pair of plows, 1 pair of 6-inch hoes, 4 steel cultivator teeth and a pair of leaf lifters.

No. 17 PLANET JR. SINGLE WHEEL HOE

No. 17, Price, $7.25



The No. 17 Single Wheel Hoe will do about the same variety of work as No. 12 Double but is wider. Thousands of Market Gardeners and Home Gardeners buy them every year and there are more of them in use than any other tool of this kind. Equipment: 1 Garden Plow, 3 steel cultivator teeth, 1 pair of 6-inch hoes. The No. 17 will do practically all the work mentioned under the No. 12 and will do in one day work that would require several days with the old-style hand hoe.

The Myers O.K. Hay Unloader and Barn Equipment

HARPOON HAY FORK

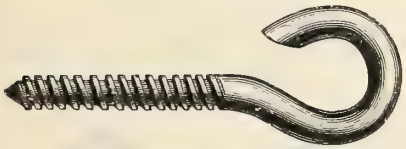
No. 1—Double Harpoon Hay Fork, 25-in. tines. Retail $2.75

No. 1½—Double Harpoon Hay Fork, 31-in. tines. Retail $3.00

STEEL TRACK UNLOADER

Price, $9.00

FLOOR HOOKS



No. 5—Floor Hook, ¾-inch. Retail, each.....18c
No. 5—Floor Hook, ⅝-inch. Retail, each.....15c

KNOT PASSING PULLEYS

Prich, each.....75c

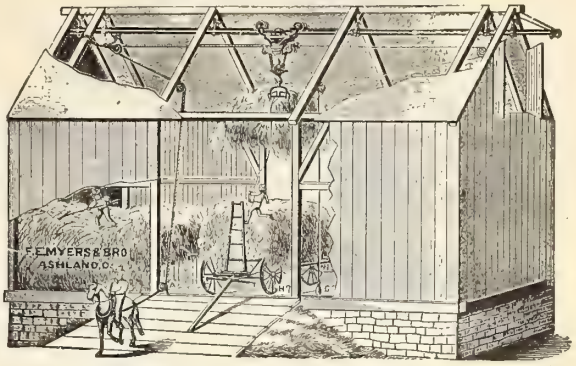
IRON PULLEYS

Price, each.....65c

STEEL TRACK FOR HAY CARRIER

Price, per foot.....23c
Write for prices on Rope.

MATERIAL REQUIRED FOR A STEEL TRACK OUTFIT

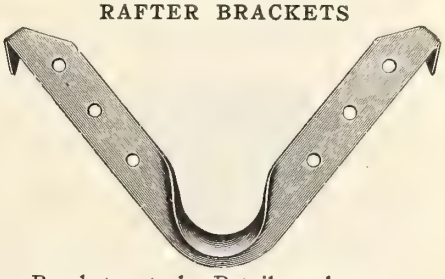


For a 40-Foot Barn—One Carrier, 40 feet of steel track, 21 hanging hooks, 21 rafter brackets, 5 knot passing pulleys, 1 D. H. Fork, 6 floor hooks, 110 feet 13/16 inch manila rope, 40 feet ⅜ inch reverse rope.

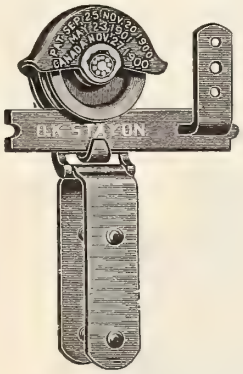
For a 50-Foot Barn—One Carrier, 50 feet of steel track, 25 hanging hooks, 25 rafter brackets, 5 knot passing pulleys, 6 floor hooks, 130 feet 13/16-inch manila rope, 50 feet ⅜ inch reverse rope.

For a 60-Foot Barn—One Carrier, 60 feet of steel track, 31 hanging hooks, 31 rafter brackets, 5 knot passing pulleys, 6 floor hooks, 160 feet 13/16 inch manila rope, 60 feet ⅜ inch reverse rope.

RAFTER BRACKETS



Rafter Brackets, steel. Retail, each.....6c
Rafter Bracket, malleable. Retail, each.....6c



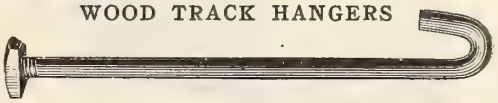
O. K. BARN DOOR HANGERS

$1.25 per Set.

BARN DOOR TRACK

12c per Foot.

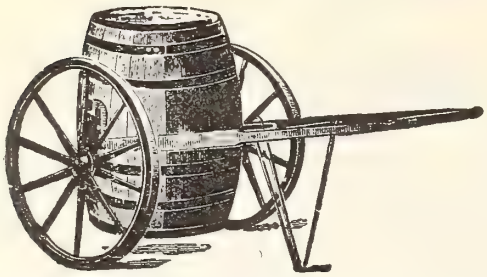
WOOD TRACK HANGERS



No. 7—14-in. Hanging Hook, wood track. each 15c
No. 8—Hanging Hook Steel Track. Retail, each 15c

Water Truck, Grindstone, Mail Box

WATER TRUCK AND BARREL



Plain Truck and Barrel, 1½-inch Tires.....$18.00
Truck alone, 1 pair Trunnions..... 13.00
Pair of Trunnions alone..... .90

CYCLE BALL-BEARING STEEL-FRAME GRINDSTONE

R. W. Cycle Ball Bearing Steel-Frame Grindstone is one of the strongest built, and is practically indestructible.

Price $8.50

Loose Grindstones, 30 to 60 lbs. Price, per lb...5c

CORN BASKETS

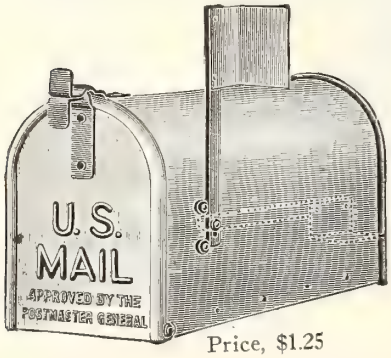
1-Bushel Basket, Rope Handle.

Iron Straps, like cut, $1.25.

1-bushel Rattan Basket, Plain.....$1.25
1½-bushel Rattan Basket, Plain..... 1.50
2-bushel Rattan Basket, Plain..... 1.75
3-bushel Rattan Basket, Plain..... 2.50
1-bushel Rattan Basket, Iron Strap..... 1.50
1½-bushel Rattan Basket, Iron Strap..... 1.75
2-bushel Rattan Basket, Iron Strap..... 2.00

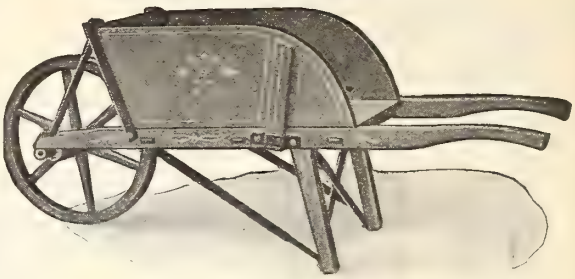
Special price on dozen lots.

RURAL MAIL BOX No. 1



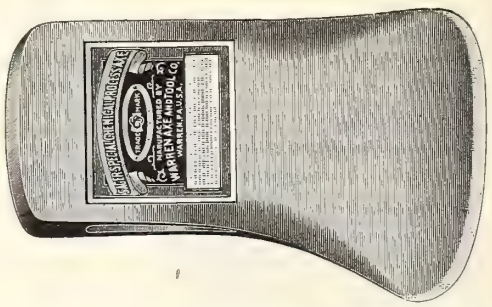
Price, $1.25

BUCH'S GARDEN BARROWS



No. 1—Large Garden Barrow.....$9.00
No. 3—Medium Garden Barrow..... 7.50
No. 4—Boys' Barrow 5.00

KELLY AXES



Our Axes are of best quality. We only sell those we know to be first class, and have an established reputation.

Kelly, Single Bit—4 to 4½ lbs., 4 to 5 lbs., 4½ to 5½ lbs. Each.....$1.75
Kelly, Single Bit Axes, Handled..... 2.25

BINDER TWINE

It is impossible to give the price of Binder Twine in advance, as the price is subject to market change.

FODDER YARN

Prices on application.

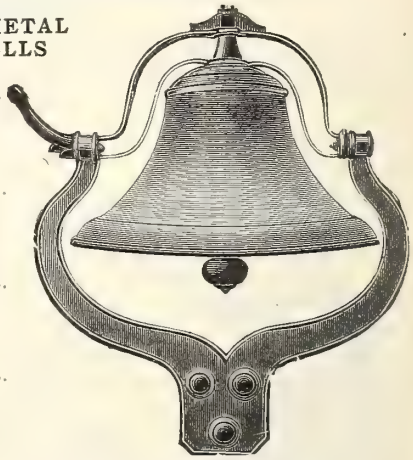
CRYSTAL METAL FARM BELLS

No. 1—40 lbs
15 inches
Price $4.00

No. 2—50 lbs.
17 inches
Price $5.00

No. 3—75 lbs.
19 inches
Price $7.50

No. 4—100 lbs.
21 inches
Price $10.00

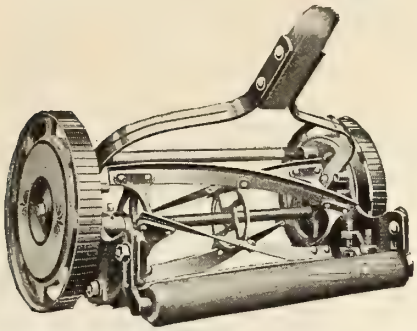


AXE HANDLES

No. Excelsior—Extra Selected Second Growth. All White Hickory Axe Handles.....$0.45
No. 1—Selected White Hickory Axe Handles.... .40
No. 2—White and Red Hickory Axe Handles.... .35

Lawn Mowers and Hedge Shears

COLDWELL'S IMPERIAL HIGH WHEEL LAWN MOWERS



14-inch High Wheel Mower.....$18.00
16-inch High Wheel Mower..... 19.00
18-inch High Wheel Mower..... 20.00
20-inch High Wheel Mower..... 22.00

LAKEWOOD LAWN MOWERS

Bearings—High grade balls and cone. Adjustable. Wheels—9 inches, solid style, eight spokes.

The best all-round ball bearing mower to be had at a moderate price. Best known and biggest seller of any mower in America in its class.

14-inch Cut $11.00
16-inch Cut 11.50

DERBY BALL-BEARING HIGH WHEEL LAWN MOWER

The increased height of the wheels is made to meet the popular demand for a wheel larger than the regulation size at the lowest possible cost. It has open cylinder, cast-steel hardened and tempered cutting knives, improved rachet and good adjustment.

12 inch $11.00
14 inch 11.50
16 inch 12.00

BLACK CORRUGATED MOGUL HOSE

⅝-inch in 25-foot lengths, Coupled.....$3.75
⅝-inch in 50-foot lengths, Coupled..... 7.50
Cut Lengths, per foot..... .15
Couplings, per set ..... .20

GARDEN HOSE AND SPRINKLERS

⅜-inch Oriole Spray Hose, cut lengths, per ft..$ .15
Steel Hose Reels 3.00
Brass Spray Nozzles ..... .75
Brass Ring Lawn Sprinkler..... .80
Pluvius Lawn Sprinkler 2.25
Rain King Lawn Sprinkler..... 3.50

CYCLONE SPRINKLER

Ground joint head. Head and arms finished brass, stem japanned red. Base japanned black with swivel hose connection. One of the most popular sprinklers on the market. Mailing weight 3 lbs.
Each $2.50

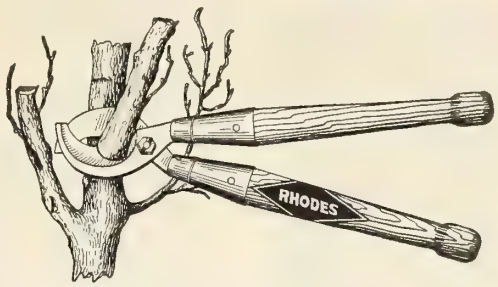
RING SPRINKLER

One of the most popular Sprinklers on the market; made of heavy sheet brass with perforations arranged to give rain-like effect. No parts to wear or lose. Mailing weight 1 lb.
Each $1.00

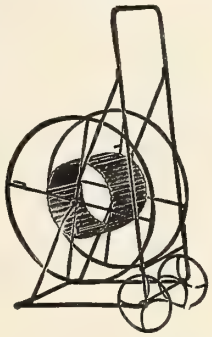
MOWER GRASS CATCHERS

For 12, 14 and 16-inch.....$2.25
18 and 20-inch 2.50

RHODES DOUBLE-CUT LOPPING SHEARS



For trimming trees, bushes, heavy shrubbery, etc. Makes an absolutely clean, perfect cut; 26 and 30-inch handle. Parcel Post weight, 5 lbs.
Price, each $4.50



STEEL HOSE REEL

Price, each $3.00

GEM SPRAY NOZZLE

Heavy cast brass nozzle giving spray, straight stream, and positive shut-off. Spray formed in barrel of nozzle and full circle—spray guaranteed.
Price 65c

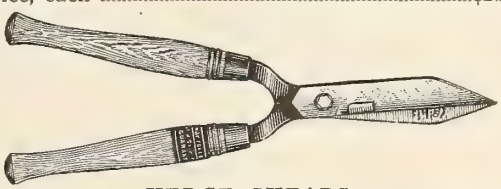
PRUNING SHEAR

This Shear has a positive draw or sliding cut. The hook and blade are made from solid tool steel and firmly held together by a bolt with lock nut. Furnished with shellaced handles, reinforced by four-inch pressed steel polished ferrule and cap. Handles riveted to Shear.
No. 5400—24inch. Each.....$3.25

ALTO TREE PRUNER

24- and 30-Inch Handle

A good serviceable and durable pruner.
Price, each $2.25



HEDGE SHEARS

Ladies' Hedge Shears, 8-inch V. B.....$2.25
8-inch Hedge Shears (Notched)..... 2.25
9-inch Hedge Shears (Notched)..... 2.50
10-inch Hedge Shears (Notched)..... 2.75

Witt Cans and Lawn Weeders

WITT CORRUGATED CANS

No. 1—Capacity 20 gal. Each.....$4.00
No. 2—Capacity 27 gal. Each..... 4.50
No. 3—Capacity 33 gal. Each..... 5.50

WITT PAILS

No. 7—Capacity 5 gal. Each..... 1.75
No. 8—Capacity 6½ gal. Each..... 2.00
No. 9—Capacity 8¼ gal. Each..... 2.25
No. 9½ Can—Cap. 10 gal. Each.... 2.50
No. 10 Can—Cap. 12¼ gal. Each.... 3.25

BRIGHTON PAILS

No. 02—Capacity 7 gal. Each..... 1.25
No. 03—Capacity 10 gal. Each..... 1.50
No. 04—Capacity 11¾ gal. Each.... 1.65

BRIGHTON CANS

No. 77—Capacity 20 gal. Each..... 2.50
No. 78—Capacity 25 gal. Each..... 2.75

REDDICK MOLE TRAPS

The Mole causes great loss and annoyance to the growers and market gardeners. One Mole can cause the loss of an entire seed bed in a few hours. One Mole Trap will catch and destroy them. We guarantee them to work satisfactorily. Price, each 90c.

CLEVELAND LAWN WEEDER

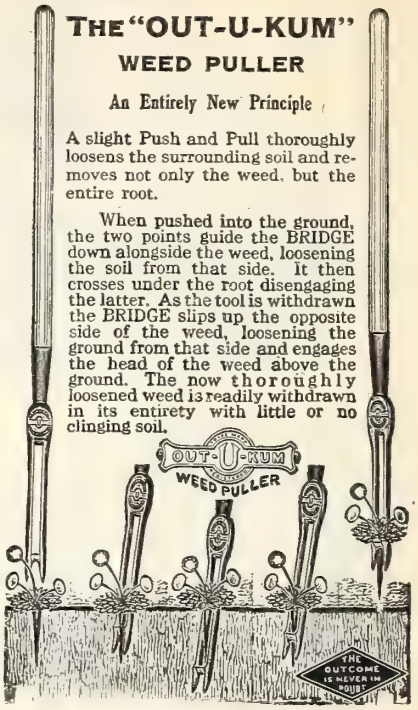
This little device gets at the root of the evil and removes it bodily. Price, each $1.25.

THE "OUT-U-KUM" WEED PULLER

An Entirely New Principle

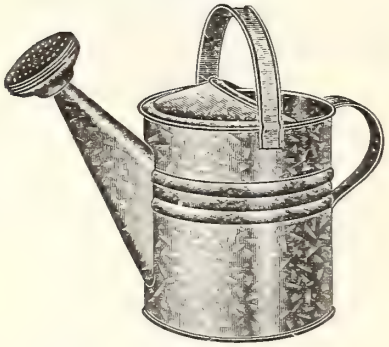
A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price, 90c each.

SPRINKLER



No. 42— 2-qt. Can.	Each	$ .40
No. 44— 4-qt. Can.	Each	.50
No. 216— 6-qt. Can.	Each	.75
No. 218— 8-qt. Can.	Each	.90
No. 220—10-qt. Can.	Each	1.10
No. 222—12-qt. Can.	Each	1.25
No. 226—16-qt. Can.	Each	1.40

Adopt the New Way—Save Your Back

MORE HANDY TRUCK

Wheel the ashes and rubbish from cellar to curb and keep the steps, walk and yourself free from dust and dirt. Solve your ash day problem.

Price, each $3.25

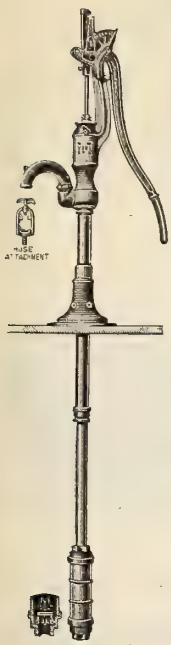
PRUNING SHEARS. 75c to $2.00 each.
PRUNING SAWS. $1.50 to $2.50 each.
GARDEN TROWELS. 20c to 75c each.

NORCROSS WEEDER. The best tool for garden use. 3-Tine, 75c each. 5-Tine, $1.00 each.

We also carry a full line of Garden Rakes, Hoes and Spades.

Well Pumps, Buckets and Chains

MYERS WELL PUMPS



No. 1052 Myers Cog Gear Lift Pump.—Brass lined cylinder, glass valve seat. Capacity 400 gallons per hour. Price, $11.50.

No. 1072 Myers Cog Gear, Single Acting Force Pump.—3-inch brass lined cylinder, glass valve seat. Capacity 400 gallons per hour. Price, $13.00.

No. 5 Myers 3-Way Wind Mill Head, Double Acting Force Pump.

3x12 inch brass lined cylinder. Capacity 440 gallons per hour. Price, $23.00.

1¼-Inch Galvanized Pipe
Per foot 22c

⅜-Inch Galvanized Rod
Per foot 6c

1¼-Inch Foot Valve
Each $1.25

We carry repairs in stock for these pumps.

In ordering a pump give us exact distance from platform to bottom of well; also the number of feet of water in well.

BUCKEYE WOOD PUMPS

Porcelain Lined — Are Recommended as the Best and Most Satisfactory in All Cases

No 0 STOCK PUMPS
7 in. square, 4-in. bore, porcelain lined, 6 ft. $12.75

No. 1 FAVORITE HOUSE PUMPS
6 in. square, 3½-in. bore, porcelain lined, 6 ft. $10.50

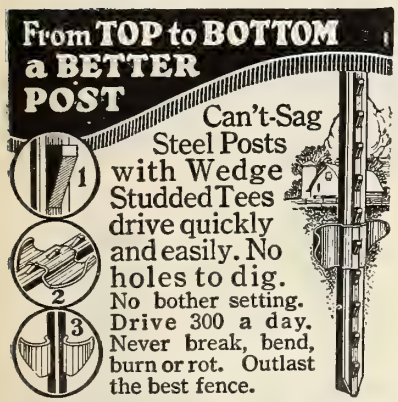
No. 2 CISTERN PUMP or SPRING PUMP
5 in. square, 3-in. bore, porcelain lined, 6 ft. $8.50
No. 1, 4x4 Tubing, per foot ..... $ .32
No. 1 Couplings, each ..... .90
No. 0, 4-inch Bucket, each 1.25
No. 1, 3½-inch Bucket, each 1.00
No. 2, 3-inch Bucket, each ..... .80

IMPROVED CLOSED-TOP PITCHER-SPOUT PUMP
Price, No. 2 ..... $2.75
Price, No. 3 ..... 3.00
Brass Jacket Drive Well Points 2.25

WELL BUCKETS, CHAINS AND WHEELS
King Well Bucket (Wood), each $1.25
Crown Well Bucket (Wood), each 1.00
Galvanized Well Bucket, each 1.00
Well Wheels, each 1.00
Galvanized Well Chain, per foot ..... .06

We carry a complete line of Parts and Repairs for Wood Pumps. In ordering a Wood Pump give us the exact distance from the platform to bottom of well.

Wire Fence, Posts, Gates, and Wire Stretchers


From TOP to BOTTOM a BETTER POST
Can't-Sag Steel Posts with Wedge Studded Tees drive quickly and easily. No holes to dig. No bother setting. Drive 300 a day. Never break, bend, burn or rot. Outlast the best fence.
1
2
3

"Can't-Sag" Studded Tee Posts

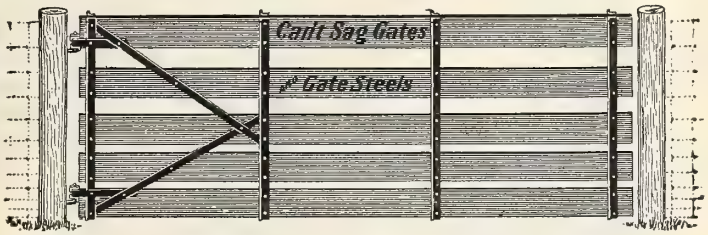
—are the only ones having these three great improvements.

1. **Easy Driving Wedge Studded Tee.**
2. **Balanced Corrugated Anchor Plate.**
3. **Re-enforcing Collar formed by hot-set Anchor Plate applied under terrific pressure.**

No holes punched in post. Extra large Anchor Plate grips "tee" over 3 in. on each side—no rivets used. Balanced Anchor Plate makes it easy to drive posts straight. Come in and see this better fence post.

"CAN'T-SAG" STUDDED T FENCE POSTS

No. 200—5-ft. Steel Posts Each 55c
No. 260—6-ft. Steel Posts Each 65c
No. 265—7-ft. Steel Posts Each 70c
No. 270—7½-ft. Steel Posts Each 80c



52 inches high, 12-foot opening; painted.
Complete, price $10.00

CORNER, END AND GATE POSTS
No. 24—End, 7-foot 8-inch Post $3.50
No. 27—Corner, 7-foot 8-inch Post 6.00

AMERICAN FARM FENCE

	Per Rod.
No. 726 X 12 Hog Fence, Spec. No. 12½	$ .35
No. 726 X 2 Hog Fence, Spec. No. 11	.50
No. 832 X 12 Hog Fence, Spec. No. 11	.50
No. 845 X 12 Stock Fence, Spec. No. 11	.50
No. 1047 X 12 Stock Fence, Spec. No. 12½	.50
No. 949 X 12 Stock Fence, Spec. No. 11	.50

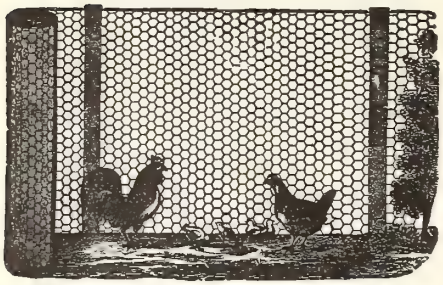
BARBED WIRE
Cattle Wire—6 in. between barbs. 80 rods $4.50
Hog Wire—4 in. between barbs. 80 rods 4.50

TOWNSEND WIRE STRETCHER—Price, $2.00.

LOTT STRETCHER—Clamp Bars made of reinforced with half-oval iron to keep wire from slipping. Lott stretcher furnished complete except lever. Use for this purpose an old piece of pipe or level cut from wood. Price, $9.00.

Poultry Netting and Lawn Fence

GALVANIZED POULTRY NETTING FOR ENCLOSING POULTRY YARDS



The Wire we offer is all Nos. 19 and 20 double twist, 2-inch mesh, thoroughly galvanized after weaving. Sold in bales of 150 running feet.

No.	Width.	Sq. Ft.	Per B.	No.	Width.	Sq. Ft.	Per B.
20	12x1 in.	150	$3.00	20	12x2 in.	150	$1.28
20	18x1 in.	225	4.25	20	18x2 in.	225	1.85
20	24x1 in.	300	5.45	20	24x2 in.	300	2.35
20	36x1 in.	450	7.40	20	36x2 in.	450	3.20
20	48x1 in.	600	9.90	20	48x2 in.	600	4.28
20	60x1 in.	750	12.35	20	60x2 in.	750	5.35
				20	72x2 in.	900	6.42

Special price in large quantity.

Price, 1c per sq. ft. in less than bale lots. Staples for fastening, 10c per lb. 1x20 nettings, 2c per sq. ft. less than roll lots.

CYCLONE WALK AND DOUBLE DRIVE GATES

Walk Gates

36x42 ins.....$4.00 42x42 ins.....$4.25 48x42 ins.....$4.50

Double Drive Gates

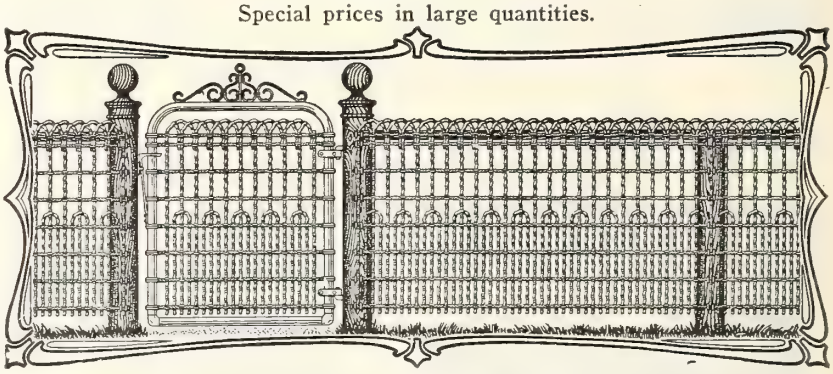
36 inches by 8 feet.....$9.00

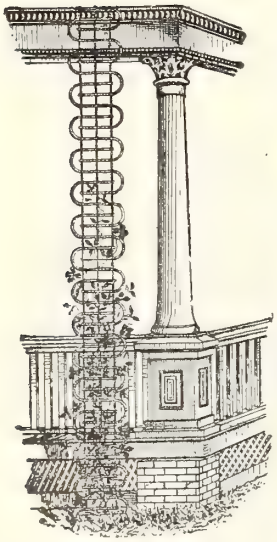
All Gates are galvanized and have ornamental tops.

FLOWER GUARD

Height 22 inches. Price, per running foot.....10c

Special prices in large quantities.





SINGLE TRELLIS

Made 18 inches wide.

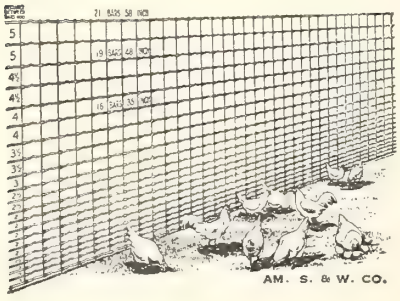
Price, per running foot, 10c

CYCLONE LAWN AND GARDEN FENCE

36-inch Style F. Per foot....13c
42-inch Style F. Per foot....15c
48-inch Style F. Per foot....18c

GIBBS POST HOLE DIGGER

Price, each $2.50



AMERICAN POULTRY, GARDEN AND RABBIT FENCE

Designs 2158 and 1948

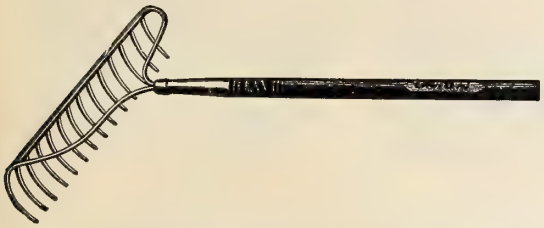
10-Rod Roll No. 1948 Fence. Price.....$ 6.05
20-Rod Roll No. 1948 Fence. Price..... 11.60
10-Rod Roll No. 2158 Fence. Price..... 6.75
20-Rod Roll No. 2158 Fence. Price..... 13.00

Garden Tools and Step Ladder

GARDEN HOE
Sizes for Boys, Ladies and Men

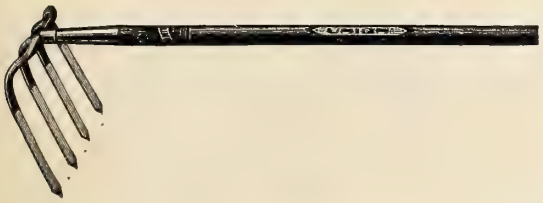
6, 7 and 7½ inches.....75c and $1.00
8-inch $1.00

STEEL GARDEN RAKES



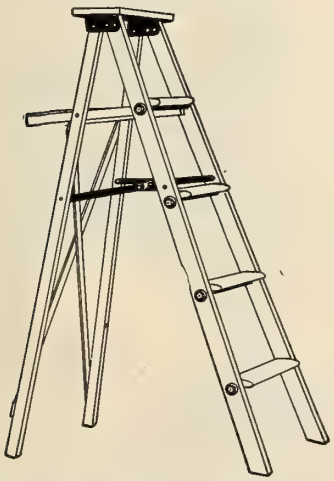
Cut from One Piece of Steel—Strong and Durable
Prices ..... 60c to $1.25

POTATO DRAG or HOE



4-Tine Fork $1.00
5-Tine Fork 1.25
6-Tine Fork 1.50

STEP LADDER



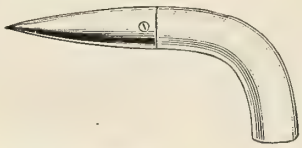
Strongest and best Ladder. Made of ash; fine finish. Each step is braced and bolted. Only safe ladder to use 10 feet or over.

5-foot. Each	$2.50	8-foot. Each	$4.00
6-foot. Each	3.00	10-foot. Each	5.00
7-foot. Each	3.50	12-foot. Each	6.00
14-foot. Each	$7.00		

SCYTHES

English Blades. Each.....$2.50
American Blades. Each..... 1.75

DIBBLES, for Transplanting. Each.....75c

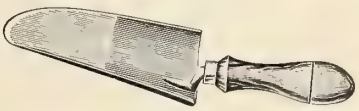


TURF EDGERS. Each.....$1.50

SPADING FORK

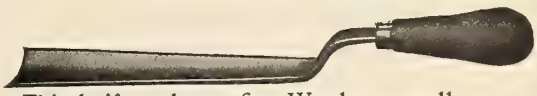
Price, each.....$1.50 to $2.00

TROWELS



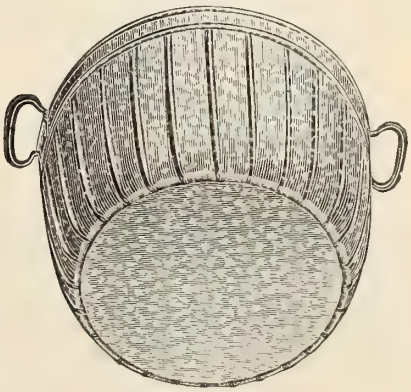
Steel Garden Trowels. Each.....50c and 75c
Galvanized Trowels. Each.....25c

ASPARAGUS KNIFE



This knife makes a fine Weeder as well.
Price.....50c and 60c

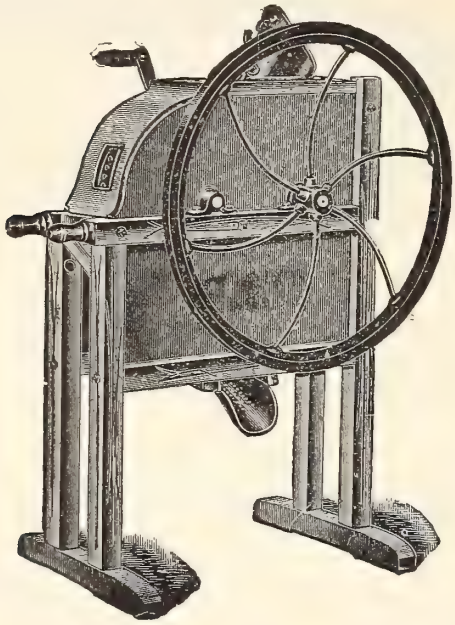
GALVANIZED BASKETS



No. 6831—Light Coal Basket. Each.....$1.00
Per dozen 9.00

Miscellaneous Farm Tools

BUCH'S CORN SHELLER No. 3 ONE HOLE



Our No. 3 is our highest standard round end sheller. Made of hardwood. Joints mortised and fully bolted. It is strong, rigid and lasting. The hopper is adjustable and takes almost any sized ear. It cleans the cob of all the grains, deposits the corn from the center, throws the cob out at end, and separates the chaff from the grains with a sieve.

Weight, about 125 pounds. Capacity, about 125 bushels per day. Price.....$14.00

MODERN TOOL GRINDER

J-4—4 in. wheel. Price.....$2.75
J-5—5 in. wheel. Price..... 3.25

CLAMP VISE

No. M743, width of Jaw 2 in. Price.....$2.25
No. M744, width of Jaw 2¼ in. Price..... 2.50
No. M745, width of Jaw 2½ in. Price..... 2.75

DIETZ LANTERNS

Dietz Victor Lantern.....$ .85
Dietz Victor Red Lantern..... 1.10
Dietz Regulation Lantern for Wagons..... 2.00
Dietz D-Lite Lantern (can't blow out)..... 1.50
Dietz Little Wizard (can't blow out)..... 1.10

APACHE GRIST MILL

This mill makes best corn meal, Graham flour, rye flour, chops, hominy, cracks peas, grinds coffee, spices, etc. Perfect adjustment for fine or coarse work. It will grind a quart of meal in three minutes. Price $7.50

RED CHIEF GRINDING MILLS

No. 1—For small poultry raisers. Price.....$4.00
No. 2—Best crank mill on earth. Feed gauge to regulate grinding. Price..... 5.50
No. 5—With large capacity, feed gauge and fly wheel. Clamps to box. Price..... 7.75
No. 10—With feed gauge, fly wheel and handsome stand to screw on table. Price..... 9.50

"BLACK HAWK" CORN SHELLER

Original in every feature, never breaks or fails to do good work. Shells fast. Shells easily.

Price, $3.00.

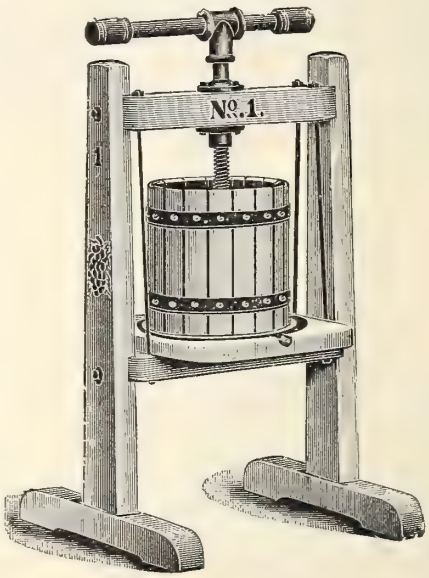
MODEL G SICKLE AND TOOL GRINDER

Machine is equipped with nickel plated adjustable tool rests. Grinding wheels are not emery, but a very high grade manufactured abrasive of medium fine grit, which will cut fast under light pressure of tool. This eliminates chances of drawing temper. Equipped with beveled sickle wheel and universal tool grinding wheel. Price.....$7.50

SCYTHE STONES

Radiac. Each 15c
English Round. Each 30c
Darby Creek. Each 20c

BERRY PRESS



These presses are built heavy like the apple mills. The frame is strong and rigid. The heavy screw wheel with long lever gives great power in pressing out the juice.

No. 1 .....$15.00
No. 2 ..... 17.00
No. 2½ 18.00

How To Make Better Lawns and Gardens

THE real secret in making plants grow to perfection lies in preparing a rich fertile soil. Plants require a generous supply of plant food and a loose mellow soil to develop their real beauty. So if you want a beautiful lawn and garden or big profitable crops be sure to make your soil rich and fertile.

Wizard Sheep and Cow Manures are concentrated, weedless manures that make all plants grow to perfection. They are not chemical stimulants, but are real soil building plant foods, safe and dependable for every use. They supply the necessary humus and plant food to put new life into worn out soils. Wizard Manures are economical — **ONE BAG EQUALS A WHOLE WAGON LOAD OF STABLE MANURE.** They have a lasting beneficial effect on your soil. Every one can get results with Wizard.

LAWNS Wizard Sheep Manure produces a thick velvety green turf of lasting beauty. Make an application early in Spring and you will be surprised at the new beauty it will develop. On new lawns broadcast 10 pounds to every 100 square feet and rake into the surface soil. To renew old lawns, rake well and broadcast 6 to 10 lbs. per 100 square feet. Avoid weeds by using Wizard.

FLOWER GARDENS Luxuriant green foliage and a wealth of vivid colored flowers are the result of feeding your plants with Wizard. In making new plantings be sure the soil under the roots is made rich and fertile. Light applications during the growing season will put new life into your plants and prolong the blooming period. A handful mixed well with the soil under each plant will insure strong rugged growth. Broadcast 10 lbs. per 100 square feet of garden soil.

VEGETABLES AND FRUIT If you want a big crop of crisp, tender vegetables, be sure to use Wizard. Every practical gardener knows that there is nothing better than manure to grow big crops of vegetables. Fruit crops respond quickly to this natural plant food. It improves the yield, color and flavor.

FLORISTS Wizard Sheep and Cow Manures have been the standard of quality for eighteen years. For feeding and liquid manuring Wizard is unexcelled. Shredded Cow Manure makes an ideal mulch and supplies sufficient plant food to grow big crops of highest quality. It is unexcelled for roses. You need manure to grow plants at a profit and it pays to use Wizard.

Send for Free Booklet.

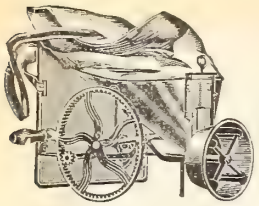
WIZARD BRAND SHEEP MANURE—Apply 1000 pounds per acre. For garden, lawn or greenhouse use. This is where you get a whole cart load of manure in a 100-lb. bag at a much lower figure.

WIZARD BRAND COW or CATTLE MANURE (Shredded)—Convenient to handle, making it possible for everyone to get this usually scarce article at all times. This is where you get a wagon load of manure in a 100-lb. bag.

2-lb. pkg. 15c; 5-lb. pkg. 30c; 10-lb. pkg. 60c; 25-lb. bag, $1.00; 50-lb. bag, $1.75; 100-lb. bag, $2.50.

WIZARD TRADE BRAND MARK Sheep Manure

BEST FOR FRUITS, VEGETABLES AND FIELD CROPS



CAHOON BROADCAST SEED SOWER. For sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, etc. Standard Seeder of the World. The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley, 27 to 33 feet. Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet. Parcel Post weight, 8 lbs. Our Special price, $4.75.

CYCLONE SEED SOWER—Very Popular Seeder and Very Extensively Sold. This sower is guaranteed to distribute seed perfectly, evenly, and will not throw seed in an upward direction or against the operator, but direct and evenly to the land. Sows clover, timothy, red top or herds grass, alfalfa, oats, rye, wheat, millet, buckwheat, turnip and other varieties of farm seeds. Price, $2.25.

LIGHTNING (HORN) SEEDER. Price, $1.00 each.

ONTARIO DRILL COMBINED (GRAIN AND FERTILIZER) SINGLE DISC DRILL

The Ontario Disc Drill embodies all the special features of our Standard Hoe Drill, excepting discs are used instead of hoes. It has the same broad tread wheels, the same accurate grain and fertilizer feeds, the same heavy axle, the same simple speed devices, the same accurate grass seeder and land measure, and the same light draft. Price on application. Write for Drill Catalogue.

THE ONTARIO LIME SOWER—STYLE "G"—8 ft. Price $75.00

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ORDER FOR SEEDS

FROM

P. MANN & CO.,

207 7th St., N. W., Opp. Centre Market
WASHINGTON, D. C.

Messrs. P. MANN & CO. give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

BE SURE TO FILL IN THESE BLANKS

Name _____

Street, P. O. Box or R. F. D. Number _____

Post-Office _____

County _____ State _____

Express or Freight Office } _____

Ship order by _____

AMOUNT ENCLOSED

Postal Money Order, $_____

Express Money Order, _____

Draft, - - - - - _____

Currency, - - - - _____

Postage Stamps, - _____

Date _____, 19 __

QUANTITY	ARTICLES WANTED	PRICE	

QUANTITY	ARTICLES WANTED	PRICE	
	Amount Brought Forward,		

Mann's Evergreen Lawn Grass

Put Up by Us and Under Our Own Formula

FINE LAWNS can only be made by using the best grade of grasses. The proper blending to give satisfactory results needs the study of years. Among some of the most beautiful lawns of Washington and its suburbs are those sown with **"Evergreen" Lawn Grass Seed.**

These seeds should be covered very slightly and a roller run over the ground after sowing. Pint, 20c; quart, 35c; pound, 40c; 5 pounds, $1.75; bushel (of 14 pounds), $4.50.

LAWN GRASS FOR SHADY PLACES AND UNDER TREES. A selection of grasses that thrive well in shaded situations, under trees, or close to walls where there is little sun. Pint, 20c; quart, 40c; pound, 45c; 5 pounds, $2.00; bushel (of 14 pounds), $5.00.

Lawn and Garden Fertilizer

Old and New Lawns Require Stimulating after the long drag through winter, or in the fall, after the season of cutting and the heat of summer. For this purpose our high-grade Bone Meal is best adapted to the wants of the lawn. It should be sown broadcast from the middle of February to the first of May for spring, and from September to November in the fall. In preparing a new lawn, use a liberal quantity and rake it in thoroughly before sowing the seed. Ten pounds sow enough for 250 square feet. Ten pounds, 50c; 100 pounds, $3.00; 167-pound bag, $4.50.

PULVERIZED SHEEP MANURE FOR LAWNS. Two pounds, 15c; 5 pounds, 30c; 25 pounds, $1.00; 50 pounds, $1.75; 100-lb. bag, $2.50.

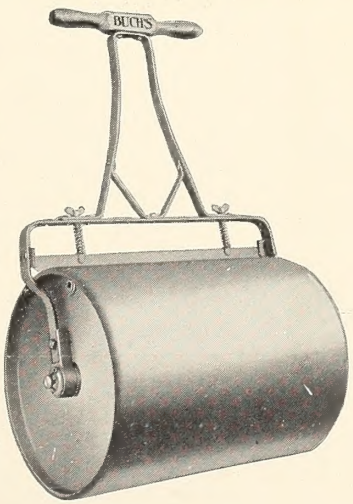
Special Prices in Ton Lots.

Water Ballast Lawn Rollers

Adapted for Rolling Lawns, Golf Courses and Tennis Courts

No.	Diam. Ins.	Length, Ins.	Empty	WEIGHT		PRICE
				Filled with Water	Filled with Sand	
601	14	24	70	175	400	$17.00
602	18	24	85	265	475	20.00
603	24	24	110	420	630	23.00
604	24	32	130	565	850	26.00
605	18	24	82	265	475	13.50
606	18	24	82	265	475	16.00

Nos. 605 and 606 Plain bearing; no scraper.



MANN'S SPECIAL FLOWER SEED COLLECTION

No. 1—Giant Double Mixed ZINNIAS.....Packet 10 cts.; oz. 50 cts.
No. 2—AFRICAN MIXED MARIGOLD.....Packet 10 cts.; oz. 75 cts.
No. 3—BALSAM, or Lady Slipper.....Packet 10 cts.; oz. 50 cts.
No. 4—KOCHIA, or Summer Cypress.....Packet 10 cts.; oz. 30 cts.
No. 5—FOUR O'CLOCK, or Marvel of Peru.....Packet 10 cts.; oz. 25 cts.

SPECIAL OFFER

FIVE PACKETS, one each, as illustrated, 40 cts. postpaid.

Seeds, Plants, Bulbs **Poultry Feed and Supplies**

P. MANN & COMPANY

207 7th St., N. W. Washington, D. C.